Locating Information

Internet-Based Curriculum

Answers to Topic Quiz Questions

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Locating Information Level 1 – Graph Words Topic Quiz

Graph Words Topic Quiz Question 1:
What is the subtitle of this graph?

**GRAPH**

<table>
<thead>
<tr>
<th>Nelson's Car Rental</th>
<th>1st Quarter Stats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days Per Vehicle</td>
<td></td>
</tr>
<tr>
<td>Economy</td>
<td>350</td>
</tr>
<tr>
<td>Mid-Size</td>
<td>300</td>
</tr>
<tr>
<td>Full-Size</td>
<td>250</td>
</tr>
<tr>
<td>Luxury</td>
<td>200</td>
</tr>
</tbody>
</table>

**ANSWERS:**
A. Nelson's Car Rental
B. 1st Quarter Stats *(correct answer)*
C. Days Per Vehicle
D. Rental Class

Graph Words Topic Quiz Question 2:
On this graph, what does the X-axis show?

**GRAPH**

<table>
<thead>
<tr>
<th>Nelson's Car Rental</th>
<th>1st Quarter Stats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days Per Vehicle</td>
<td></td>
</tr>
<tr>
<td>Economy</td>
<td></td>
</tr>
<tr>
<td>Mid-Size</td>
<td></td>
</tr>
<tr>
<td>Full-Size</td>
<td></td>
</tr>
<tr>
<td>Luxury</td>
<td></td>
</tr>
</tbody>
</table>

**ANSWERS:**
A. Car Rental Stats
B. 1st Quarter Stats
C. Days Per Vehicle
D. Rental Class *(correct answer)*
Graph Words Topic Quiz Question 3:
Using this graph, what is shown on the Y-axis?

![Graph of Nelson's Car Rental 1st Quarter Stats]

**ANSWERS:**
A. Car Rental Stats
B. 1st Quarter Stats
C. Days Per Vehicle *(correct answer)*
D. Rental Class

Graph Words Topic Quiz Question 4:
How many columns are in this table?

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ON HAND</th>
<th>ITEM #</th>
<th># ORDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples</td>
<td>3 lbs.</td>
<td>1350</td>
<td>2 lbs.</td>
</tr>
<tr>
<td>Bananas</td>
<td>5 bd.</td>
<td>1351</td>
<td>1 bd.</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>20 hd.</td>
<td>1352</td>
<td>5 hd.</td>
</tr>
<tr>
<td>Celery</td>
<td>10 bd.</td>
<td>1353</td>
<td>10 bd.</td>
</tr>
<tr>
<td>Cucumbers</td>
<td>1 bs.</td>
<td>1354</td>
<td>1 bs.</td>
</tr>
<tr>
<td>Eggplant</td>
<td>.5 bs.</td>
<td>1355</td>
<td>0</td>
</tr>
<tr>
<td>Grapes</td>
<td>20 bd.</td>
<td>1356</td>
<td>20 bd.</td>
</tr>
</tbody>
</table>

**ANSWERS:**
A. 3
B. 4 *(correct answer)*
C. 6
D. 7
Graph Words Topic Quiz Question 5:
Which items are on the first row of this table?

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ON HAND</th>
<th>ITEM #</th>
<th># ORDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples</td>
<td>3 lbs.</td>
<td>1350</td>
<td>2 lbs.</td>
</tr>
<tr>
<td>Bananas</td>
<td>5 bd.</td>
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</tr>
<tr>
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<tr>
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<td>10 bd.</td>
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</tr>
<tr>
<td>Cucumbers</td>
<td>1 lbs.</td>
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</tr>
<tr>
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<td>.5 lbs.</td>
<td>1355</td>
<td>0</td>
</tr>
<tr>
<td>Grapes</td>
<td>20 bd.</td>
<td>1356</td>
<td>20 bd.</td>
</tr>
</tbody>
</table>

ANSWERS:
A. Ace, Corner, Store
B. Produce Inventory Checklist, Order Request
C. Item, On Hand, Item #, # Order
D. Apples, 3bs., 1350, 2bs. (correct answer)

LOCATING INFORMATION LEVEL 1 – GRAPH SYMBOLS TOPIC QUIZ

Graph Symbols Topic Quiz Question 1:
What crop is shown in yellow?

ANSWERS:
A. Wheat
B. Fruits
C. Vegetables
D. Corn (correct answer)
Graph Symbols Topic Quiz Question 2:
What is the capital of Texas?

**Map of the United States and Capitals**

**ANSWERS:**
A. Dallas  
**B. Austin (correct answer)**  
C. Houston  
D. Ft. Worth

Graph Symbols Topic Quiz Question 3:
How many boats did Martin Boat Sales sell in Florida?

**Martin Boat Sales**

<table>
<thead>
<tr>
<th>States</th>
<th>Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York</td>
<td></td>
</tr>
<tr>
<td>Tennessee</td>
<td></td>
</tr>
<tr>
<td>Maryland</td>
<td></td>
</tr>
<tr>
<td>Florida</td>
<td></td>
</tr>
</tbody>
</table>

**ANSWERS:**
A. 50  
B. 75  
C. 100  
**D. 200 (correct answer)**
Graph Symbols Quiz Question 4:
Which month was the hottest month?

![Bar chart showing Hot Weather with months May to September]

ANSWERS:
A. June  
B. July  
**C. August (correct answer)**  
D. September

Graph Symbols Topic Quiz Question 5:
Which month had the lowest cell phone sales?

![Bar chart showing Cell Phone Sales for January to April]

ANSWERS:
A. January (correct answer)  
B. February  
C. March  
D. April
Putting Things in Order Topic Quiz Question 1:
Which month shows the lowest number of memberships sold?

ANSWERS:
A. January
B. February
C. March
D. April (correct answer)

Putting Things in Order Topic Quiz Question 2:
Which month had the highest membership sales?

ANSWERS:
A. January (correct answer)
B. February
C. March
D. April
Putting Things in Order Topic Quiz Question 3:
Which of the following is an example of sequential order in a graphic?

ANSWERS:
A. 5, 10, 15, 20
B. Abby, Brock, Crystal
C. Jan., Feb., March (correct answer)
D. None

Putting Things in Order Topic Quiz Question 4:
This graph is organized in what order?

ANSWERS:
A. Sequential
B. Numerical (correct answer)
C. Alphabetical
D. None
Putting Things in Order Topic Quiz Question 5:
Which state had the lowest amount of tropical storms?

ANSWERS:
A. SC (correct answer)
B. NC
C. AL
D. TX

LOCATING INFORMATION LEVEL 1 – BASIC GRAPHS TOPIC QUIZ

Basic Graphs Topic Quiz Question 1:
What type of graph is this example?

PAID HOLIDAYS

<table>
<thead>
<tr>
<th>Holiday</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Year’s Day</td>
<td>January</td>
</tr>
<tr>
<td>MLK Birthday</td>
<td>January</td>
</tr>
<tr>
<td>Presidents’ Day</td>
<td>February</td>
</tr>
<tr>
<td>Good Friday</td>
<td>April</td>
</tr>
<tr>
<td>Memorial Day</td>
<td>May</td>
</tr>
<tr>
<td>Independence Day</td>
<td>July</td>
</tr>
<tr>
<td>Labor Day</td>
<td>September</td>
</tr>
<tr>
<td>Thanksgiving</td>
<td>November</td>
</tr>
<tr>
<td>Christmas Eve</td>
<td>December</td>
</tr>
<tr>
<td>Christmas Day</td>
<td>December</td>
</tr>
</tbody>
</table>

ANSWERS:
A. Pie Chart
B. Line Graph
C. Bar Graph
D. Table (correct answer)
KeyTrain
Locating Information Level 1 – Topic Quiz Answers

Basic Graphs Topic Quiz Question 2:
According to the Paid Holiday table, which holiday is NOT a paid holiday?

**PAID HOLIDAYS**

<table>
<thead>
<tr>
<th>Holiday</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Year’s Day</td>
<td>January</td>
</tr>
<tr>
<td>MLK Birthday</td>
<td>January</td>
</tr>
<tr>
<td>Presidents’ Day</td>
<td>February</td>
</tr>
<tr>
<td>Good Friday</td>
<td>April</td>
</tr>
<tr>
<td>Memorial Day</td>
<td>May</td>
</tr>
<tr>
<td>Independence Day</td>
<td>July</td>
</tr>
<tr>
<td>Labor Day</td>
<td>September</td>
</tr>
<tr>
<td>Thanksgiving</td>
<td>November</td>
</tr>
<tr>
<td>Christmas Eve</td>
<td>December</td>
</tr>
<tr>
<td>Christmas Day</td>
<td>December</td>
</tr>
</tbody>
</table>

**ANSWERS:**
A. Veterans Day *(correct answer)*
B. Presidents’ Day
C. Memorial Day
D. Labor Day

Basic Graphs Topic Quiz Question 3:
What type of graph is this example?

**ANSWERS:**
A. Pie Chart
B. Bar Graph
C. Line Graph *(correct answer)*
D. Diagram
Basic Graphs Topic Quiz Question 4:
Which Quarter had the highest sales?

ANSWERS:
A. 1st
B. 2nd (correct answer)
C. 3rd
D. 4th

Basic Graphs Topic Quiz Question 5:
What type of graph is this example?

ANSWERS:
A. Pie Chart
B. Line Graph
C. Bar Graph (correct answer)
D. Form
LOCATING INFORMATION LEVEL 1 – FOLLOWING DIRECTIONS IN GRAPHS TOPIC QUIZ

Following Directions in Graphs Topic Quiz Question 1:
What percent of the students are over the age of 65?

ANSWERS:
A. 10 percent (correct answer)
B. 15 percent
C. 30 percent
D. 45 percent

Following Directions in Graphs Topic Quiz Question 2:
What is the largest age group at Ridge Point Medical College?

ANSWERS:
A. Over 65
B. 46 to 65
C. 30 to 45
D. Under 30 (correct answer)
Following Directions in Graphs Topic Quiz Question 3:
Which animal population is the highest?

![Graph showing wildlife population]

**ANSWERS:**
A. Mountain Lion  
**B. Deer (correct answer)**  
C. Elk  
D. Brown Bear

Following Directions in Graphs Topic Quiz Question 4:
Which animal population is the lowest?

![Graph showing wildlife population]

**ANSWERS:**
A. Mountain Lion (correct answer)  
B. Deer  
C. Elk  
D. Brown Bear
Following Directions in Graphs Topic Quiz Question 5:
Which customer is taking a music class?

ANSWERS:
A. Beth Anderson  
B. Neal Washington  
C. Derrick Brooks (correct answer)  
D. Jack Grossman

LOCATING INFORMATION LEVEL 1 – READING GRAPHS
TOPIC QUIZ

Reading Graphs Topic Quiz Question 1:
What type of graph is this example?

ANSWERS:
A. Pie Chart (correct answer)  
B. Line Graph  
C. Bar Graph  
D. Table

Reading Graphs Topic Quiz Question 2:
Which type of vehicle had the highest sales?
ANSWERS:
A. Trucks
B. Cars (correct answer)
C. SUVs
D. Motorcycles

Reading Graphs Topic Quiz Question 3:
What type of graph is this example?

ANSWERS:
A. Pie Chart
B. Bar Graph (correct answer)
C. Line Graph
D. Table

Reading Graphs Topic Quiz Question 4:
What is the name of the supervisor of the Lab?
ANSWERS:
A. W. Pruett
B. I. Patel
C. N. Kirk
D. M. Meade (correct answer)

Reading Graphs Topic Quiz Question 5:
What is the purpose of this table?

<table>
<thead>
<tr>
<th>Emergency Care Supervisor Directory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department</td>
</tr>
<tr>
<td>Lab</td>
</tr>
<tr>
<td>Surgery</td>
</tr>
<tr>
<td>ICU</td>
</tr>
<tr>
<td>Pediatrics</td>
</tr>
</tbody>
</table>

ANSWERS:
A. List of emergency care departments
B. Telephone directory of emergency care
C. List of emergency care supervisors (correct answer)
D. List of emergency care employees
Locating Information Level 2

LOCATING INFORMATION LEVEL 2 – ORDER OF GRAPHS

TOPIC QUIZ

Order of Graphs Topic Quiz Question 1:
In what order is this graph?

![Diet for Clinic Patients graph]

ANSWERS:
A. Alphabetical
B. Numerical
C. Sequential
D. Alphabetical and Sequential (correct answer)

Order of Graphs Topic Quiz Question 2:
In what order is the information in this table?

![Clinic Menu table]

ANSWERS:
A. Alphabetical (correct answer)
B. Numerical
C. Sequential
D. Alphabetical and Numerical
Order of Graphs Topic Quiz Question 3: What type of food allergy does patient Vasant have?

<table>
<thead>
<tr>
<th>Patient Name</th>
<th>Diet Needs</th>
<th>Food Allergies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Randolph</td>
<td>None</td>
<td>Nuts</td>
</tr>
<tr>
<td>Stein</td>
<td>No Fish</td>
<td>Chocolate</td>
</tr>
<tr>
<td>Vasant</td>
<td>No Meat</td>
<td>Milk</td>
</tr>
<tr>
<td>Ward</td>
<td>Soft Food</td>
<td>None</td>
</tr>
</tbody>
</table>

ANSWERS:
A. Meat
B. Fish
C. Milk (correct answer)
D. Chocolate

Order of Graphs Topic Quiz Question 4: Which month has the highest student enrollment?

<table>
<thead>
<tr>
<th>Month</th>
<th># Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan.</td>
<td>3,000</td>
</tr>
<tr>
<td>Jun.</td>
<td>1,500</td>
</tr>
<tr>
<td>Sept.</td>
<td>9,000</td>
</tr>
</tbody>
</table>

ANSWERS:
A. January
B. April
C. June
D. September (correct answer)
Order of Graphs Topic Quiz Question 5:
What was Kristen’s temperature at 10:00?

![Krisien C. Patent Temperature graph]

**ANSWERS:**
A. 100 degrees
B. **101 degrees (correct answer)**
C. 102 degrees
D. 103 degrees

LOCATING INFORMATION LEVEL 2 – TYPES OF GRAPHICS

Types of Graphics Topic Quiz Question 1:
What percent of the money is received from donations?

![National Community College Funding pie chart]

**ANSWERS:**
A. 30 percent
B. **31 percent (correct answer)**
C. 32 percent
D. 37 percent
Types of Graphics Topic Quiz Question 2:
How many people have high speed internet in the United States?

ANSWERS:
A. 8 million
B. 11 million
C. 15 million (correct answer)
D. 21 million

Types of Graphics Topic Quiz Question 3:
Which country has the highest number of people using high speed internet?

ANSWERS:
A. U.S.
B. Denmark
C. Canada
D. Japan (correct answer)
Types of Graphics Topic Quiz Question 4:
How many loans were given in February?

ANSWERS:
A. 5
B. 10
C. 15 (correct answer)
D. 25

Types of Graphics Topic Quiz Question 5:
What does this scale measure?

Digital Gauge

ANSWERS:
A. Weight (correct answer)
B. Width
C. Length
D. Height
Tools Used in Graphs Topic Quiz Question 1:
What color is the U.S.?

![Pie chart showing Freshman Class Listing by Country](image)

ANSWERS:
A. Blue
B. Yellow
C. Red (correct answer)
D. Green

Tools Used in Graphs Topic Quiz Question 2:
Which direction is West?

![Compass](image)

ANSWERS:
A. Up
B. Down
C. Right
D. Left (correct answer)
Tools Used in Graphs Topic Quiz Question 3:
Which country is shown on the graph in dark blue?

ANSWERS:
A. Mexico (correct answer)
B. Britain
C. Canada
D. Russia

Tools Used in Graphs Topic Quiz Question 4:
How many tent camping areas are shown on this map?

ANSWERS:
A. 1
B. 2
C. 3
D. 4
Tools Used in Graphs Topic Quiz Question 5:
How many sections are there on this pie chart?

![Pie Chart]

ANSWERS:
A. 3
B. 4 (correct answer)
C. 5
D. 6

LOCATING INFORMATION LEVEL 2 – CREATING GRAPHS
TOPIC QUIZ

Creating Graphs Topic Quiz Question 1:
Which color on the bar graph shows 6 birds?

![Bar Chart]

ANSWERS:
A. Black (correct answer)
B. Blue
C. Red
D. Green
Creating Graphs Topic Quiz Question 2:
What text best explains the pie chart?

![Pie Chart](image)

ANSWERS:
A. There are 7 black trucks and 3 silver trucks.
B. There are 7 silver trucks and 3 blue trucks.
C. **There are 7 blue trucks and 3 silver trucks. (correct answer)**
D. There are 7 red trucks and 3 silver trucks.

Creating Graphs Topic Quiz Question 3:
Which month and data point is missing from this line graph?

![Line Graph](image)

ANSWERS:
A. June = 2
B. July = 6
C. August = 8
D. **September = 10 (correct answer)**
Creating Graphs Topic Quiz Question 4:  
How many home games will North Carolina State have?

<table>
<thead>
<tr>
<th>Team</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clemson</td>
<td>Home</td>
</tr>
<tr>
<td>Georgia Tech</td>
<td>Away</td>
</tr>
<tr>
<td>Colorado State</td>
<td>Home</td>
</tr>
<tr>
<td>Iowa State</td>
<td>Home</td>
</tr>
<tr>
<td>Furman</td>
<td>Away</td>
</tr>
<tr>
<td>Virginia Tech</td>
<td>Home</td>
</tr>
</tbody>
</table>

ANSWERS:
A. 3  
B. 4 (correct answer)  
C. 5  
D. 6

Creating Graphs Topic Quiz Question 5:  
When you create a table, you should:

<table>
<thead>
<tr>
<th>Team</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clemson</td>
<td>Home</td>
</tr>
<tr>
<td>Georgia Tech</td>
<td>Away</td>
</tr>
<tr>
<td>Colorado State</td>
<td>Home</td>
</tr>
<tr>
<td>Iowa State</td>
<td>Home</td>
</tr>
<tr>
<td>Furman</td>
<td>Away</td>
</tr>
<tr>
<td>Virginia Tech</td>
<td>Home</td>
</tr>
</tbody>
</table>

ANSWERS:
A. write words in sentences.  
B. make it as long as you can.  
C. put words in a group. (correct answer)  
D. group words into phrases.
LOCATING INFORMATION LEVEL 2 – USING DIFFERENT
GRAPHS TOPIC QUIZ

Using Different Graphs Topic Quiz Question 1:
What is this pie chart showing?

![Pie Chart]

ANSWERS:
A. Showing a change in something
B. **Comparing something (correct answer)**
C. Showing circles
D. Organizing something

Using Different Graphs Topic Quiz Question 2:
What does this bar graph tell you?

![Bar Graph]

ANSWERS:
A. **The U.S. has more science and engineering degrees than Germany and the UK. (correct answer)**
B. The UK has more science and engineering degrees than Germany and the U.S.
C. Germany has the fewest science and engineering degrees.
D. A lot of people have science and engineering degrees.
Using Different Graphs Topic Quiz Question 3:
What kind of graph would you use to list the names of students in a class?

ANSWERS:
A. Pie chart
B. Bar graph
C. Line graph
D. **Table** *(correct answer)*

Using Different Graphs Topic Quiz Question 4:
What type of graph is a Credit Application?

ANSWERS:
A. Diagram
B. Table
C. **Form** *(correct answer)*
D. Chart

Using Different Graphs Topic Quiz Question 5:
What type of graph would you use to show the steps for operating a machine?

ANSWERS:
A. Pie chart
B. Line graph
C. Bar graph
D. **Table** *(correct answer)*
LOCATING INFORMATION LEVEL 2 – PURPOSE OF GRAPHS

TOPIC QUIZ

Purpose of Graphs Topic Quiz Question 1:
What is the purpose of this graph?

![Graph of Patient Temperature]

ANSWERS:
A. To show time the patient’s temperature was taken
B. To show what the patient’s temperature should be
C. To track the patient’s temperature (correct answer)
D. To show the time to take the patient’s temperature

Purpose of Graphs Topic Quiz Question 2:
What is the purpose of this graph?

![Opening Cash Register Directions]

ANSWERS:
A. To show the opening cash register process (correct answer)
B. To show the steps that have been completed
C. To show you how to put your drawer in the cash register
D. To show how to type your employee number into the register
Purpose of Graphs Topic Quiz Question 3:
What is the purpose of this graph?

<table>
<thead>
<tr>
<th>CREDIT APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
</tr>
<tr>
<td>Address:</td>
</tr>
<tr>
<td>City: State: Zip:</td>
</tr>
<tr>
<td>Daytime Phone #:</td>
</tr>
<tr>
<td>Employer:</td>
</tr>
<tr>
<td>Employer Address:</td>
</tr>
<tr>
<td>Emp. City: State: Zip:</td>
</tr>
<tr>
<td>Emp. Phone #:</td>
</tr>
<tr>
<td>Salary:</td>
</tr>
<tr>
<td>Yrs. Employed:</td>
</tr>
</tbody>
</table>

ANSWERS:
A. Personal Information Form
B. Employer Information Form
C. Application for Employment
D. Credit Application Form (correct answer)

Purpose of Graphs Topic Quiz Question 4:
What is the purpose of this graph?

<table>
<thead>
<tr>
<th>ABC Bookstore</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self Help 10%</td>
</tr>
<tr>
<td>Biographies 45%</td>
</tr>
<tr>
<td>Mystery 30%</td>
</tr>
<tr>
<td>Kids 10%</td>
</tr>
</tbody>
</table>

ANSWERS:
A. To show books sold at the bookstore
B. To show the types of books at ABC Bookstore (correct answer)
C. To show books that need to be ordered
D. To show books that can be ordered at the ABC Bookstore
Purpose of Graphs Topic Quiz Question 5:

What is the purpose of this graph?

ANSWERS:

A. Application for Employment Form (correct answer)
B. Personal Information Form
C. Credit Application Form
D. School Registration Form
Locating Information Level 3

LOCATING INFORMATION LEVEL 3 – PIE CHARTS QUIZ

Pie Charts Topic Quiz Question 1:
You work for a newspaper. You are preparing an article about the result of a recent election. What percentage of votes for Mayor were for Alfred Johnson?

ANSWERS:
A. 17% (correct answer)
B. 33%
C. 50%
D. 100%

Graphic for Pie Charts Topic Quiz Questions 2-3:
Pie Charts Topic Quiz Question 2:
You need to determine if your skills and education are correct for most local job openings.
What skill level is required by most jobs?

ANSWERS:
A. Unskilled
B. Professional – College Degree
C. Skilled (correct answer)
D. You can’t tell from this chart.

Pie Charts Topic Quiz Question 3:
Use the pie chart to select your answer to this question.
What percentage of jobs require only unskilled employees?

ANSWERS:
A. 7
B. 15 (correct answer)
C. 20
D. 65

Pie Charts Topic Quiz Question 4:
You work at a drink bottling plant. Your team is reviewing the results of last week’s production.
This chart is designed to tell you:

ANSWERS:
A. The flavor of drinks produced by this machine.
B. The cause of defective bottles produced by this machine. (correct answer)
C. The total number of bottles made.
D. There were 3 defective bottles produced.

Pie Charts Topic Quiz Question 5:
Look at the defects chart again to select your answer to this question.
Which defect caused a total of 14 bottles from machine 3 to be defective?
LOCATING INFORMATION LEVEL 3 – BAR GRAPHS TOPIC QUIZ

Graphic for Bar Graphs Topic Quiz Questions 1-3:

Bar Graphs Topic Quiz Question 1:
You work for the park service and are in charge of planning for the local parks. This graph shows the number of different trees found in Century Park. Refer to the graph to answer the question.

How many maple trees are in Century Park?

ANSWERS:

A. 1
B. 5 (correct answer)
C. 8
D. 10

Bar Graphs Topic Quiz Question 2:
Which of the following trees is most common in Century Park?

ANSWERS:

A. Oak
B. Pine
C. Maple
D. Elm (correct answer)
Bar Graphs Topic Quiz Question 3:
From looking at the height of the bars, what can you say about the number of oak and pine trees?

ANSWERS:
A. There are twice as many pine trees as oak trees. (correct answer)
B. There are twice as many oak trees as pine trees.
C. There are three times the number of pine trees as oak trees.
D. The number of pine trees and oak trees are about the same.

Bar Graphs Topic Quiz Question 4:
The production department at Apex Hot Tubs consists of 5 departments: Tub Construction, Sealing, Hardware Assembly, Water Testing, Cabinet Assembly and Shipping.
Recently Apex began tracking defects by department. The results are shown in the graph.
How many hot tubs with defective sealings were made this week?

ANSWERS:
A. 7
B. 8
C. 10
D. 14 (correct answer)

Bar Graphs Topic Quiz Question 5:
This graph shows data on the production of sprockets at the Contemporary Sprocket Company.
On which day were the most sprockets produced?
ANSWERS:
A. Monday
B. Wednesday
C. Thursday (correct answer)
D. Friday

LOCATING INFORMATION LEVEL 3 – LINE GRAPHS TOPIC QUIZ

Line Graphs Topic Quiz Question 1:
You are reviewing the past sales of your restaurant. How many sandwiches were sold in 2004?

Sandwich Sales at City Sandwich Shop

ANSWERS:
A. 900
B. 1100
C. 1300 (correct answer)
D. 1500

Graphic for Line Graphs Topic Quiz Questions 2-3:

Stopping Distance

Distance, ft.

Speed, MPH
Line Graphs Topic Quiz Question 2:
A company safety manager is reviewing the safety of the company's cars. The chart shown gives data on one of their cars.
What distance is required to stop a car traveling at 50 mph?

ANSWERS:
A. 60 ft.
B. 175 ft. (correct answer)
C. 200 ft.
D. 225 ft.

Line Graphs Topic Quiz Question 3:
If you were traveling in a car that was 125 ft. behind the car ahead, how fast can you travel and still be able to stop safely?

ANSWERS:
A. 40 mph (correct answer)
B. 50 mph
C. 60 mph
D. Over 300 mph

Graphic for Line Graphs Topic Quiz Questions 4-5:

Line Graphs Topic Quiz Question 4:
An engineer is testing a machine that makes plastic wrap. She tests the effect of changing the pressure of the molten plastic in the machine. The results of the test are shown in the graph.
What does the graph show as the pressure changes?

ANSWERS:
A. The change in the number of safety accidents.
B. The cost of the plastic wrap.
C. The quality of the plastic wrap.
D. The rate that the plastic wrap is produced. (correct answer)
Line Graphs Topic Quiz Question 5:
Use the line graph to answer this question.
Your supervisor wants to increase production to 35 ft./min. What pressure should you set the machine at?

ANSWERS:
A. 100 psi
B. 200 psi
C. 300 psi (correct answer)
D. 500 psi

LOCATING INFORMATION LEVEL 3 – TABLES AND FORMS TOPIC QUIZ

Graphic for Tables and Forms Topic Quiz Questions 1-2:

Tables and Forms Topic Quiz Question 1:
Conference rooms at your office must be reserved for meetings.
Your supervisor asked you to set up a meeting in conference room A at 10:00.
You need to tell her what is currently scheduled in that room.
What is currently scheduled for conference room A at 10:00?

ANSWERS:
A. The Harris Co. meeting
B. The James Sales meeting (correct answer)
C. The Nobles Trucking meeting
D. There is no meeting scheduled for room A at 10:00.

Tables and Forms Topic Quiz Question 2:
You need to reserve a conference room at your office for a meeting.
The chart shows the current reservations for the two conference rooms.
What times and locations are currently available for your meeting?

ANSWERS:
A. Room B at 8:00 only
B. Room A at 11:00 only
C. Room A at 12:00 and Room B at 8:00 (correct answer)
D. Room A at 8:00 and 12:00
Tables and Forms Topic Quiz Question 3:
A salesman is preparing a bill for a sale for a customer in Mississippi. He needs to add sales tax to the bill.
Use the Sales Tax Rates table to answer the question.
What is the state-wide sales tax rate for Mississippi, not including the local tax?

SALES TAX RATES FOR SOUTHERN STATES

<table>
<thead>
<tr>
<th>State</th>
<th>State Rate</th>
<th>Max. Local Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Percent)</td>
<td>(Percent)</td>
<td></td>
</tr>
<tr>
<td>Alabama</td>
<td>4.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Georgia</td>
<td>4.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Florida</td>
<td>6.00</td>
<td>2.75</td>
</tr>
<tr>
<td>Louisiana</td>
<td>4.00</td>
<td>6.25</td>
</tr>
<tr>
<td>Mississippi</td>
<td>7.00</td>
<td>0.25</td>
</tr>
<tr>
<td>North Carolina</td>
<td>4.50</td>
<td>3.00</td>
</tr>
<tr>
<td>South Carolina</td>
<td>5.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Tennessee</td>
<td>7.00</td>
<td>2.75</td>
</tr>
</tbody>
</table>

ANSWERS:
A. 4.00
B. 6.00
C. 7.00 (correct answer)
D. 7.25

Tables and Forms Topic Quiz Question 4:
Your supervisor has asked you to help review applications for a new job in your office. This application has already been filled out by a job applicant.
You need to call the applicant’s current employer to verify that he works there.
What is the telephone number of the applicant’s current employer?

JONES MINING COMPANY
EMPLOYMENT APPLICATION

PERSONAL DATA

Name: Thomas Smith
Address: 337 Oak Street, Smithville, TN 37455
Telephone: (615) 332-7700, SSN 003-33-0004

EDUCATIONAL ACHIEVEMENT
Highest grade completed: 12th

EMPLOYMENT HISTORY

Current Employer: Acme Coal Company
Address: 1 Mining Road, Smithville, TN 37455
Phone: (615) 332-0021, Supervisor: Tim Johnson
Position Held: Night shift Foreman

ANSWERS:
A. Acme Coal Company
B. 003-33-0004
C. (615) 332-0021 (correct answer)
D. (615) 332-7700
Tables and Forms Topic Quiz Question 5:
You are working at a bank. Part of your job is to review checks that have been cashed to see if they were properly filled out.
Use the sample check to answer this question.
Who signed this check as the Comptroller of the Dobler Company?

The Dobler Company
313 Carrie Street
Chattanooga, TN 30301

Pay to the
Order of Robert G. Thompson $395.86
Three hundred ninety-five and 86/100 Dollars

First State Bank
Chattanooga, TN

For 3/1/05 – 3/15/05

James W. Williams, Comptroller

ANSWERS:
A. Carrie Street
B. James W. Williams (correct answer)
C. Mr. Dobler
D. Robert G. Thompson
Maps and Plans Topic Quiz Question 1:
This is a bus route map for Atlanta, Georgia. Use the map to answer the question.

You are traveling from Lindbergh Station to Chastain Park. Which bus should you take?

ANSWERS:
A. Route 33
B. Route 38 (correct answer)
C. Route 39
D. Route 23
Maps and Plans Topic Quiz Question 2:
Use this house plan to answer the question.
How many closets are on the house plan shown?

ANSWERS:
A. 1  
B. 2  
C. 3 (correct answer)  
D. 4

Maps and Plans Topic Quiz Question 3:
You work for an office supply store and must deliver an order to Wade Martin Hall on the Beltline Campus.
Use the map to answer the question.
The entrance to the closest parking area for Wade Martin Hall is off what street?
ANSWERS:

A. Blossom Street
B. East Chapel Drive
C. South Beltline Boulevard (correct answer)
D. Rosewood Drive

Maps and Plans Topic Quiz Question 4:
You need to deliver a package to a customer in St. Clairsville, OH. Which of the following highways would take you to St. Clairsville?
Maps and Plans Topic Quiz Question 5:
You are taking a class at the Workplace Training Center. According to the map shown, the training center is located on which street?

ANSWERS:
A. Albert Cr.  
B. Burwood Rd. (correct answer)  
C. Park Av.  
D. Wilga St.
LOCATING INFORMATION LEVEL 3 – DIAGRAMS TOPIC QUIZ

Graphic for Diagrams Topic Quiz Questions 1-2:

Diagrams Topic Quiz Question 1:
This diagram shows a basic first aid procedure. Use the diagram to answer the question.

Based on the diagram, what should you do if a person is not breathing?

ANSWERS:
A. Call for medical assistance
B. Begin CPR (correct answer)
C. Clear the airway
D. Make sure they are not bleeding

Diagrams Topic Quiz Question 2:
This diagram shows a basic first aid procedure. Use the diagram to answer the question.

What step should you take after making sure the victim is breathing?

ANSWERS:
A. Clear the airway, then check the breathing
B. Begin CPR immediately
C. Stop any severe bleeding before proceeding
D. Check to see if the victim is bleeding severely (correct answer)
Diagrams Topic Quiz Question 3:
You are setting up a new computer at your work.

According to the diagram shown, the barcode scanner should be connected to which connector on the computer?

Connection Diagram

A. Audio In
B. Parallel 1
C. Serial 1 (correct answer)
D. USB

Diagrams Topic Quiz Question 4:
This diagram shows the universal numbering system for permanent teeth. Use the diagram to answer the question.

Tooth number 26 is located in the:

A. right maxillary
B. left mandibular
C. left maxillary
D. right mandibular (correct answer)
Diagrams Topic Quiz Question 5:
You are designing a phone system for your business. Customers who call will be routed to the correct person based on answers that they give to simple questions.

A customer calls and says they need to purchase a product, but they do not live in the U.S. Who should receive this call?

ANSWERS:
A. Alex
B. Antonio
C. Martha
D. Rosanne (correct answer)

LOCATING INFORMATION LEVEL 3 – GAUGES TOPIC QUIZ

Gauges Topic Quiz Question 1:
This picture shows a gauge used to measure blood pressure. Two types of pressure are measured, systolic pressure and diastolic pressure. These are usually displayed with the systolic pressure reading over or before the diastolic pressure, for example, 132/60 or 132 and 60. Normal blood pressure should be less than 120 systolic and less than 80 diastolic.

Based on the reading shown, is this person’s blood pressure normal?
ANSWERS:
A. Yes, the readings shown are in the normal range
B. No, the systolic pressure is above normal (correct answer)
C. No, the diastolic pressure is above normal
D. No, both the systolic and diastolic pressures are not normal

Gauges Topic Quiz Question 2: 
An employee at a food factory needs to keep the temperature at a constant level. This helps to maintain the quality of the food produced. He needs to read the thermometer every day.
What temperature is shown on the thermometer?

![Thermometer Image]

ANSWERS:
A. 68 °F
B. 70 °F
C. 71 °F
D. 72 °F (correct answer)

Gauges Topic Quiz Question 3:
A tank at the food factory contains a solution of sugar water. A gauge on the side of the tank shows how much solution is in the tank.
According to the gauge shown, how much solution is currently in the tank?

![Gauge Image]

ANSWERS:
A. 0 gallons
B. 175 gallons (correct answer)
C. 190 gallons
D. 250 gallons
Gauges Topic Quiz Question 4:
An instrument panel on the side of a packaging machine shows the pressure and temperature of the film rollers inside the machine.
What is the pressure displayed on the panel shown?

ANSWERS:
A. 3.8 psig  
B. 28 psig  
C. 28 °C  
D. 38 psig (correct answer)

Gauges Topic Quiz Question 5:
A driver has been instructed to deliver several boxes of material to a customer. The dispatcher tells the driver that he will need at least 1/2 tank of gas for the entire trip.
According to the gas gauge shown, does the driver have enough gas for the trip?

ANSWERS:
A. No, there is not enough gas for the trip.  
B. Yes, there is enough gas for the trip. (correct answer)  
C. You can't tell from this gauge only.  
D. The gauge is not reading properly.
Locating Information Level 4

LOCATING INFORMATION LEVEL 4 – PIE CHARTS TOPIC QUIZ

Graphic for Pie Charts Topic Quiz Questions1:

Pie Charts Topic Quiz Question 1:
Select the best answer to the question.
According to the pie chart, what is the most popular color of car?

ANSWERS:
A. Green
B. Blue
C. Red
D. White (correct answer)

Graphic for Pie Charts Topic Quiz Questions2:

Pie Charts Topic Quiz Question 2:
Select the best answer to the question.
According to the pie chart, what is the percent difference between the most popular car color and the second most popular car color?

ANSWERS:
A. 5%
B. 6% (correct answer)
C. 7%
D. 8%
Pie Charts Topic Quiz Question 3:
This pie chart was created to chart the results of an employee incentive survey. This chart represents the employees' top choices. Review the information in the chart and select the best answer to the question.
Which employee incentive received the least amount of votes?

**ANSWERS:**
- **A. Paid Time Off (PTO) (correct answer)**
- B. Medical/Dental Insurance
- C. Pay Increase
- D. Retirement Account

Pie Charts Topic Quiz Question 4:
Select the best answer to the question.
Which incentive was the most important to the majority of the employees?

**ANSWERS:**
- A. Pay Increase
- B. Paid Time Off (PTO)
- C. Acknowledgement/Appreciation
- **D. Career Advancement (correct answer)**
Pie Charts Topic Quiz Question 5:
Select the best answer to the question.
How many employees voted Career Advancement as their top choice?

ANSWERS:
A. 22%
B. 22
C. Cannot tell from the pie chart (correct answer)
D. 78

LOCATING INFORMATION LEVEL 4 – BAR GRAPHS TOPIC QUIZ

Graphic for Bar Graphs Topic Quiz Questions 1-2:
Bar Graphs Topic Quiz Question 1:
Click Graph at the bottom of the page to access the graphics. These two charts below show reasons that rural and urban households that access the Internet with dial-up service do not use high speed Internet.
Use the information in the charts to answer the question.
Compared to urban households, households that are more rural do not use high speed Internet because:

ANSWERS:
A. It is too expensive
B. They don’t need it
C. It is not available (correct answer)
D. They don’t have a computer

Bar Graphs Topic Quiz Question 2:
Click Graph at the bottom of the page to access the graphics. These two charts show reasons that rural and urban households that access the Internet with dial-up service do not use high speed Internet.
Use the information in the charts to answer the question.
Based on the information in the charts, which of the following statements is false?

ANSWERS:
A. More urban households say they don't need high speed Internet than rural households.
B. More rural than urban households say high speed Internet is too expensive. (correct answer)
C. About the same percentage of urban and rural households can use high speed Internet somewhere other than home.
D. High speed Internet is more available to urban households than rural ones.

Graphic for Bar Graphs Topic Quiz Questions 3-5:
Bar Graphs Topic Quiz Question 3:
This chart shows production information for four boat models manufactured by the Powerboat Company.
Use the information in the chart to answer the question.
The boat model with the least change in production from 2003 to 2006 is:

**ANSWERS:**
A. the Waverider *(correct answer)*
B. the WaterStrider
C. the AquaTurbo
D. the SkiPal

Bar Graphs Topic Quiz Question 4:
This chart shows production information for four boat models manufactured by the Powerboat Company.
Use the information in the chart to answer the question.
In what year did 3rd quarter SkiPal production exceed WaterStrider production?

**ANSWERS:**
A. 2003
B. 2004
C. 2005 *(correct answer)*
D. 2006

Bar Graphs Topic Quiz Question 5:
This chart shows production information for four boat models manufactured by the Powerboat Company.
Use the information in the chart to answer the question.
The model that shows a continuous increase in production over time is:

**ANSWERS:**
A. the SkiPal
B. the Waverider
C. the WaterStrider
D. the AquaTurbo *(correct answer)*
Graphic for Line Graphs Topic Quiz Questions 1-3:

Line Graphs Topic Quiz Question 1:
Select the best answer to the question.
Which assembly line exceeded the production goal for the month of May?

ANSWERS:
A. Line 1
B. Line 2
C. Line 3 (correct answer)
D. None

Line Graphs Topic Quiz Question 2:
Select the best answer to the question.
Which assembly line met the production goal the most during this time period?

ANSWERS:
A. Line 1
B. Line 2
C. Line 3 (correct answer)
D. Both 2 and 3

Line Graphs Topic Quiz Question 3:
Select the best answer to the question.
What month(s) did Line 1 meet or exceed their production goal?

ANSWERS:
A. Feb. and March
B. Feb. and April (correct answer)
C. March and May
D. Feb. only
Graphic for Line Graphs Topic Quiz Questions 4-5:

Line Graphs Topic Quiz Question 4:
Select the best answer to the question.
Which product had the highest sales during the 2nd quarter?

ANSWERS:
A. Lumber
B. Doors
C. Windows
D. Shingles (correct answer)

Line Graphs Topic Quiz Question 5:
Select the best answer to the question.
How much did lumber increase from the 2nd quarter to the 3rd quarter?

ANSWERS:
A. $2,000
B. $20,000
C. $200,000 (correct answer)
D. $2,000,000
LOCATING INFORMATION LEVEL 4 – TABLES AND FORMS

TOPIC QUIZ

Graphic for Tables and Forms Topic Quiz Questions 1-3:

<table>
<thead>
<tr>
<th>OFFICE SUPPLIES</th>
<th>OFFICE SUPPLIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price Sheet</td>
<td>Order Form</td>
</tr>
<tr>
<td>Item #</td>
<td>Item Description</td>
</tr>
<tr>
<td>PC00001</td>
<td>Paper, Cards/Bus</td>
</tr>
<tr>
<td>PC00002</td>
<td>Paper, Cards/Stat</td>
</tr>
<tr>
<td>PC00003</td>
<td>Paper Clips</td>
</tr>
<tr>
<td>PC00004</td>
<td>Paper, Copy</td>
</tr>
<tr>
<td>PI00005</td>
<td>Paper, Inkjet</td>
</tr>
<tr>
<td>PI00006</td>
<td>Paper, Inkjet Photo</td>
</tr>
<tr>
<td>PM00007</td>
<td>Pencils, Mechanical</td>
</tr>
<tr>
<td>PW00008</td>
<td>Pencils, Wood</td>
</tr>
<tr>
<td>PS00009</td>
<td>Pencils, Sharpeners</td>
</tr>
<tr>
<td>PI00010</td>
<td>Pens, Ink</td>
</tr>
<tr>
<td>PT00011</td>
<td>Printer, Toner</td>
</tr>
</tbody>
</table>

Delivery charge $20. Free delivery if order exceeds $100.

Table 1: OFFICE SUPPLIES

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Item #</th>
<th>Desc.</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PC00004</td>
<td>Copy Paper</td>
<td>?</td>
<td>?</td>
</tr>
<tr>
<td>3</td>
<td>PW00008</td>
<td>Pencils</td>
<td>2.75</td>
<td>8.25</td>
</tr>
<tr>
<td>4</td>
<td>PI00010</td>
<td>Pens</td>
<td>3.25</td>
<td>13.00</td>
</tr>
<tr>
<td>1</td>
<td>PT00011</td>
<td>Toner</td>
<td>75.50</td>
<td>75.50</td>
</tr>
</tbody>
</table>

Sub-Total ?

Tax 7.1% 10.42

Shipping ?

TOTAL ?

Tables and Forms Topic Quiz Question 1:
Review the table and form then select the best answer to the question.
Use the table to determine the total price for copy paper for the Mitchell Company?

ANSWERS:

A. $24.98
B. $49.95 (correct answer)
C. $50.00
D. $99.90

Tables and Forms Topic Quiz Question 2:
Select the best answer to the question.
How much will the delivery charge be for this order?

ANSWERS:

A. 7.1 percent of subtotal
B. $10.42
C. $20.00
D. No delivery charge (correct answer)

Tables and Forms Topic Quiz Question 3:
Select the best answer to the question.
What is the total amount for this order?

ANSWERS:

A. $146.70
B. $157.12 (correct answer)
C. $167.54
D. $177.12
### Tables and Forms Topic Quiz Question 4:
A fleet manager is responsible for scheduling the routine maintenance for company vehicles. Review the Vehicle Maintenance table and select the best answer to the question.

According to the table, when is the Lenox 500 scheduled for maintenance and what service is due if it is currently at 24,253 miles?

**ANSWERS:**
A. Full Manufacturer’s Rec. Main. at 30,000 miles  
B. Radiator/Transmission Flush at 25,000 miles  
C. **Oil Change only after 747 more miles** *(correct answer)*  
D. Oil Change and Systems Check at 25,000 miles  

### Tables and Forms Topic Quiz Question 5:
Select the best answer to the question.

According to the table, which vehicle(s) are scheduled for the manufacturer’s recommended maintenance only?

**ANSWERS:**
A. Ashton trucks  
B. Baker trucks  
C. ICON 2-ton  
D. **All trucks** *(correct answer)*
Maps and Plans Topic Quiz Question 1:
Click Map at the bottom of the page to review the map of a section of Houston, TX, and select the best answer to the question.

Rice University stadium is located in which grid on the map?

ANSWERS:
A. A-2
B. A-3 (correct answer)
C. B-2
D. B-3

Maps and Plans Topic Quiz Question 2:
Click Map at the bottom of the page to access the Houston map again.

Select the best answer to the question.

The Museum of Health and Medical Science is closest to which site on the map?

ANSWERS:
A. Texas Medical Center
B. Rice University
C. Hermann Park (correct answer)
D. The Astrodome
Maps and Plans Topic Quiz Question 3:
Select the best answer to the question.
You work in the IT Dept. In case of an emergency, which evacuation route should you take?

ANSWERS:
A. Exit #1 (correct answer)
B. Exit #2
C. Exit #12
D. Exit #13

Maps and Plans Topic Quiz Question 4:
Select the best answer to the question.
You work in the Accounting Dept., which normally uses Exit #14 in an emergency. If this exit is blocked, what is the next closest exit?

ANSWERS:
A. Exit #1 (correct answer)
B. Exit #2
C. Exit #12
D. Exit #13
Maps and Plans Topic Quiz Question 5:
Select the best answer to the question.
Where do the employees go, if they evacuate the building through Exit #7?

ANSWERS:
A. To Waterfront/Dock
B. To Washington Square
C. To Main Street
D. Cannot tell from the evacuation plan (correct answer)
Diagrams Topic Quiz Question 1:
Click Chart at the bottom of the page to access the graphic. This is a flowchart of a health care handwashing procedure.
Review the flowchart, then select the best answer to the question.
According to the flowchart, what is the 5th step in the procedure?

ANSWERS:
A. Scrub palm of hand.
B. Wash between digits on back of hand.
C. Wash around the cuticles. (correct answer)
D. Dry hands with clean towel.
Graphic for Diagrams Topic Quiz Questions 2-3:

Diagrams Topic Quiz Question 2:
Select the best answer to the question.
If you work on the production line, whom does your division report to?

ANSWERS:
A. VP Human Resources
B. VP Research & Development
C. VP Finance/Acct.
D. VP Manufacturing (correct answer)

Diagrams Topic Quiz Question 3:
Select the best answer to the question.
Who do all of the Vice Presidents report to?

ANSWERS:
A. Board of Trustees
B. President (correct answer)
C. Chairman of the Board
D. CEO
Graphic for Diagrams Topic Quiz Questions 4-5:

Product Quality Inspection

START

Randomly select item from assembly line.

Perform Visual Inspection Pass or Fail?

Pass

Return to assembly line.

Fail

Test item functionality Pass or Fail?

Pass

Affix Inspection Stamp forward to Packaging Dept.

Packaging Department prepares product to ship

Shipping Department ships product to customer

PLACE IN RECYCLE BIN

END

Diagrams Topic Quiz Question 4:
Click Chart at the bottom of the page to access the graphics. Select the best answer to the question.

According to the flowchart, if an item does not pass the visual inspection, where does it go?

ANSWERS:
A. Recycle Bin (correct answer)
B. Assembly Line
C. Packaging Dept.
D. Shipping Dept.
Diagrams Topic Quiz Question 5:
Click Chart at the bottom of the page to view the graphic. Select the best answer to the question.
Once the item has passed all inspections, what do you do?

ANSWERS:
A. Packaging Dept.
B. Assembly Line
C. Affix Stamp (correct answer)
D. Shipping Dept.

LOCATING INFORMATION LEVEL 4 – GAUGES AND DIALS
TOPIC QUIZ

Diagrams and Graphs Topic Quiz Question 1:
Alan operates a machine that coats the inside surface of flood lamps with a thin layer of aluminum using a vacuum system. To check the vacuum system, Alan monitors three gauges. To stay within tolerance, each gauge must be less than 30 microns. Use the gauges to answer this question.
Which of the following statements is true?

ANSWERS:
A. The reading for Gauge 1 is out of tolerance (correct answer)
B. The reading for Gauge 2 is out of tolerance
C. Gauge 2 and Gauge 3 readings are out of tolerance
D. Gauge 1 and Gauge 3 readings are out of tolerance
Gauges and Dials Topic Quiz Question 2:

Anna is a team leader in the production area of a pharmaceutical company. Part of her responsibilities is to monitor the temperature and humidity of three mixing rooms. For each room, the temperature should be 65° F or less and the humidity less than 40%.

Click Gauges at the bottom of the page to see the temperature and humidity gauges for the three rooms.

Use these gauges to answer the question.

Is there a problem with any of the production rooms?

ANSWERS:
A. Yes, Room A is too warm
B. No, all rooms are within operating standards
C. Yes, Room A is too warm and Room B is too humid (correct answer)
D. Yes, Room B is too humid and not warm enough
Gauges and Dials Topic Quiz Question 3:
Charlotte is checking patients’ blood pressures. She uses the gauge to determine the patient’s blood pressure category. Keep in mind that the highest reading in either systolic or diastolic pressure determines the blood pressure category. For example, a patient with a systolic pressure of 119 and diastolic pressure of 82 would be in the category of Pre-hypertension because a diastolic pressure of 80-89 indicates Pre-hypertension.

Click Gauges at the bottom of the page to see the blood pressure gauges and table. Use them to select the answer to the question.

Based on the gauges shown and the Blood Pressure Table, what blood pressure category does this patient belong to?

<table>
<thead>
<tr>
<th>BLOOD PRESSURE TABLE</th>
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</thead>
<tbody>
<tr>
<td>CATEGORY</td>
</tr>
<tr>
<td>Normal</td>
</tr>
<tr>
<td>Pre-hypertension</td>
</tr>
</tbody>
</table>

**HIGH BLOOD PRESSURE**

| Stage 1 Hypertension | 140-159 | 90-99 |
| Stage 2 Hypertension | ≥160    | ≥100  |

**Legend:** < means Less Than  
≥ means Greater Than or Equal To

**ANSWERS:**  
A. Normal  
B. Pre-hypertension  
C. Stage 1 Hypertension  
D. **Stage 2 Hypertension (correct answer)**
Gauges and Dials Topic Quiz Question 4:
Here is another question using the blood pressure gauges and table. Click Gauges at the bottom of the page to see the gauges and table. Use them to select the best answer to the question.

Based on the gauges shown and the Blood Pressure Table, what blood pressure category does this patient belong to?

### BLOOD PRESSURE TABLE

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<th>CATEGORY</th>
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<th>DIASTOLIC</th>
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<td>&lt;80</td>
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<td>Pre-hypertension</td>
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<td>80-89</td>
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</table>

**HIGH BLOOD PRESSURE**

| Stage 1 Hypertension  | 140-159  | 90-99     |
| Stage 2 Hypertension  | ≥160     | ≥100      |

**Legend:**
- < means Less Than
- ≥ means Greater Than or Equal To

**ANSWERS:**
- A. Normal
- B. Pre-hypertension
- C. **Stage 1 Hypertension (correct answer)**
- D. Stage 2 Hypertension
Gauges and Dials Topic Quiz Question 5:
Click Gauges at the bottom of the page to see the blood pressure gauges and table. Use them to select the best answer to the question.

Based on the gauges shown and the Blood Pressure Table, what blood pressure category does this patient belong to?

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<tr>
<th>BLOOD PRESSURE TABLE</th>
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</thead>
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<td>CATEGORY</td>
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HIGH BLOOD PRESSURE

| Stage 1 Hypertension | 140-159 | or 90-99 |
| Stage 2 Hypertension | ≥160    | or ≥100  |

Legend: < means Less Than
≥ means Greater Than or Equal To

ANSWERS:
A. Normal
B. Pre-hypertension (correct answer)
C. Stage 1 Hypertension
D. Stage 2 Hypertension
Locating Information Level 5

LOCATING INFORMATION LEVEL 5 – COMPLEX GRAPHICS TOPIC QUIZ

Graphic for Complex Graphics Topic Quiz Questions 1-2:

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Complex Graphics Topic Quiz Question 1:
This table is a loan amortization table for a personal loan of $5,000 that you must repay in 12 months.
Use the information in the table to answer the question.
What is the total amount of interest paid after 6 months?

ANSWERS:
A. 12.28
B. 20.83
C. 99.41 (correct answer)
D. 109.95

Complex Graphics Topic Quiz Question 2:
This table is a loan amortization table for a personal loan of $5,000 that you must repay in 12 months.
Use the information in the table to answer the question.
Based on the chart, after which payment will you owe less than $1,000?

ANSWERS:
A. 8
B. 9
C. 10 (correct answer)
D. 3/4
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Dash indicates data not available  
P = preliminary
Complex Graphics Topic Quiz Question 3:
Click Table at the bottom of the page to view a table that compares unemployment rates for 10 countries.
Use this table to answer the question.
   Which country had the highest overall unemployment during the 1990’s?

ANSWERS:
   A. Canada
   B. Australia
   C. France (correct answer)
   D. Italy

Complex Graphics Topic Quiz Question 4:
Click Table at the bottom of the page to view a table that compares unemployment rates for 10 countries.
Use the table to answer this question.
   Comparing the 1980’s to the 1990’s, which country had the largest overall decrease in unemployment?

ANSWERS:
   A. The United States
   B. Sweden
   C. Japan
   D. The Netherlands (correct answer)
Complex Graphics Topic Quiz Question 5:
Click Map at the bottom of the page to access the commuter rail map. Use this map to answer the question.

If you are traveling from the Alewife to Forest Hills station, what rail line will you need to transfer to?

**ANSWERS:**
A. Red Line
B. Orange Line (correct answer)
C. Silver Line
D. Green Line
Finding Details Topic Quiz Question 1:
This flow chart depicts the process steps in determining vehicle fuel expenditures. Use the information in the graphic to answer the question.
What step occurs before combining the fuel economy and miles traveled data?

ANSWERS:
A. Adjusting fuel economy to on-road, in-use values (correct answer)
B. Determining vehicle fuel consumption
C. Calculating the retail fuel price
D. Merging retail fuel price and fuel economy data

Finding Details Topic Quiz Question 2:
Use the information in the energy graphic to answer this question.
Information on retail fuel price and vehicle miles traveled is used to calculate:

ANSWERS:
A. fuel economy.
B. fuel consumption.
C. miles per equivalent gallon.
D. vehicle fuel expenditures. (correct answer)
Finding Details Topic Quiz Question 3:
This line graph shows energy-related and economic information over a number of years.
Use the information to answer the question.
  In what year did all four measures of information intersect?

ANSWERS:
  A. 2001
  B. 1985 (correct answer)
  C. 1987
  D. 1978

Finding Details Topic Quiz Question 4:
This line graph shows energy-related and economic information over a number of years.
Use the information to answer the question.
  Excluding recession years, in what year did the CPI-U exceed Real Disposable Income?

ANSWERS:
  A. 1979
  B. 1986
  C. 1990
  D. 1992 (correct answer)
Finding Details Topic Quiz Question 5:
Click Table at the bottom of the page to view the information in the two tables and select the best answer to the question.

Which country of origin had the greatest percentage of refugees admitted to the United States in 2003?

Table 3.

<table>
<thead>
<tr>
<th>Country of origin</th>
<th>2004 Number</th>
<th>Percent</th>
<th>2003 Number</th>
<th>Percent</th>
<th>2002 Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>49,638</td>
<td>100.0</td>
<td>25,329</td>
<td>100.0</td>
<td>18,852</td>
<td>100.0</td>
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<tr>
<td>Laos</td>
<td>14,035</td>
<td>28.3</td>
<td>4,612</td>
<td>18.2</td>
<td>3,874</td>
<td>20.8</td>
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<td>Somalia</td>
<td>6,616</td>
<td>13.3</td>
<td>1,994</td>
<td>7.9</td>
<td>2,534</td>
<td>13.6</td>
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<td>Cuba</td>
<td>5,671</td>
<td>11.4</td>
<td>1,772</td>
<td>7.0</td>
<td>2,000</td>
<td>10.7</td>
</tr>
<tr>
<td>Liberia</td>
<td>4,918</td>
<td>9.9</td>
<td>1,755</td>
<td>6.9</td>
<td>1,635</td>
<td>8.8</td>
</tr>
<tr>
<td>Ukraine</td>
<td>3,317</td>
<td>6.7</td>
<td>1,659</td>
<td>6.4</td>
<td>1,619</td>
<td>8.7</td>
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<tr>
<td>Sudan</td>
<td>3,249</td>
<td>6.5</td>
<td>1,599</td>
<td>6.3</td>
<td>1,054</td>
<td>5.7</td>
</tr>
<tr>
<td>Russia</td>
<td>1,973</td>
<td>4.0</td>
<td>1,575</td>
<td>6.2</td>
<td>982</td>
<td>5.3</td>
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<tr>
<td>Iran</td>
<td>1,561</td>
<td>3.1</td>
<td>1,430</td>
<td>5.6</td>
<td>774</td>
<td>4.1</td>
</tr>
<tr>
<td>Burma</td>
<td>1,398</td>
<td>2.8</td>
<td>1,331</td>
<td>5.3</td>
<td>731</td>
<td>3.9</td>
</tr>
<tr>
<td>Moldova</td>
<td>1,176</td>
<td>2.4</td>
<td>1,311</td>
<td>5.2</td>
<td>592</td>
<td>3.2</td>
</tr>
<tr>
<td>All other countries</td>
<td>5,724</td>
<td>11.5</td>
<td>6,441</td>
<td>25.4</td>
<td>2,859</td>
<td>15.3</td>
</tr>
</tbody>
</table>

Source: U.S. Citizenship and Immigration Services, Department of Homeland Security

Table 4.
Refugee Admitted to the United States by Country of Origin: Fiscal Years 2002 to 2004
(Ranked by 2004 Admissions)

<table>
<thead>
<tr>
<th>Region/Country</th>
<th>2004 Number</th>
<th>Percent</th>
<th>2003 Number</th>
<th>Percent</th>
<th>2002 Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>52,955</td>
<td>100.0</td>
<td>28,301</td>
<td>100.0</td>
<td>26,894</td>
<td>100.0</td>
</tr>
<tr>
<td>Somalia</td>
<td>16,933</td>
<td>32.3</td>
<td>1,993</td>
<td>7.0</td>
<td>2,398</td>
<td>0.9</td>
</tr>
<tr>
<td>Liberia</td>
<td>7,140</td>
<td>13.5</td>
<td>2,961</td>
<td>10.4</td>
<td>599</td>
<td>2.1</td>
</tr>
<tr>
<td>Laos</td>
<td>6,005</td>
<td>11.1</td>
<td>1,431</td>
<td>5.0</td>
<td>18</td>
<td>0.1</td>
</tr>
<tr>
<td>Sudan</td>
<td>3,500</td>
<td>6.6</td>
<td>2,149</td>
<td>7.6</td>
<td>865</td>
<td>3.3</td>
</tr>
<tr>
<td>Ukraine</td>
<td>3,462</td>
<td>6.6</td>
<td>5,069</td>
<td>17.9</td>
<td>5,219</td>
<td>19.5</td>
</tr>
<tr>
<td>Cuba</td>
<td>2,959</td>
<td>5.6</td>
<td>303</td>
<td>1.1</td>
<td>1,925</td>
<td>7.2</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>2,170</td>
<td>4.1</td>
<td>1,704</td>
<td>5.9</td>
<td>329</td>
<td>1.2</td>
</tr>
<tr>
<td>Iran</td>
<td>1,737</td>
<td>3.3</td>
<td>2,471</td>
<td>8.7</td>
<td>1,525</td>
<td>5.7</td>
</tr>
<tr>
<td>Moldova</td>
<td>1,711</td>
<td>3.2</td>
<td>616</td>
<td>2.2</td>
<td>1,029</td>
<td>3.8</td>
</tr>
<tr>
<td>Russia</td>
<td>1,446</td>
<td>2.7</td>
<td>1,394</td>
<td>4.9</td>
<td>2,101</td>
<td>7.8</td>
</tr>
<tr>
<td>Sierra Leone</td>
<td>1,084</td>
<td>2.1</td>
<td>1,378</td>
<td>4.9</td>
<td>176</td>
<td>0.7</td>
</tr>
<tr>
<td>Burundi</td>
<td>1,056</td>
<td>2.0</td>
<td>203</td>
<td>0.7</td>
<td>128</td>
<td>0.5</td>
</tr>
<tr>
<td>Vietnam</td>
<td>974</td>
<td>1.8</td>
<td>1,356</td>
<td>4.8</td>
<td>3,081</td>
<td>11.5</td>
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<tr>
<td>Afghanistan</td>
<td>959</td>
<td>1.8</td>
<td>1,453</td>
<td>5.1</td>
<td>1,677</td>
<td>6.3</td>
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<tr>
<td>Belarus</td>
<td>669</td>
<td>1.2</td>
<td>702</td>
<td>2.5</td>
<td>689</td>
<td>2.6</td>
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<tr>
<td>Colombia</td>
<td>577</td>
<td>1.1</td>
<td>149</td>
<td>0.5</td>
<td>8</td>
<td>--</td>
</tr>
<tr>
<td>Congo, Democratic Republic</td>
<td>569</td>
<td>1.1</td>
<td>201</td>
<td>0.7</td>
<td>105</td>
<td>0.4</td>
</tr>
<tr>
<td>Uzbekistan</td>
<td>426</td>
<td>0.8</td>
<td>161</td>
<td>0.6</td>
<td>394</td>
<td>1.5</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>407</td>
<td>0.8</td>
<td>406</td>
<td>1.4</td>
<td>115</td>
<td>0.4</td>
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<tr>
<td>Kazakhstan</td>
<td>312</td>
<td>0.6</td>
<td>118</td>
<td>0.4</td>
<td>222</td>
<td>0.8</td>
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<tr>
<td>Other</td>
<td>1,741</td>
<td>3.3</td>
<td>3,461</td>
<td>12.3</td>
<td>6,414</td>
<td>23.9</td>
</tr>
</tbody>
</table>

Source: U.S. Department of State, Bureau of Population, Refugees, and Migration

ANSWERS:
A. Somalia
B. Liberia
C. Ukraine (correct answer)
D. Vietnam

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LOCATING INFORMATION LEVEL 5 – MULTIPLE GRAPHICS

TOPIC QUIZ

Multiple Graphics Topic Quiz Question 1:
Click Graph at the bottom of the page to display information on health insurance for individuals less than 65 years old.

Use the information in the graphics to select the best answer to the question.

Based on information in the two graphics, which of the following statements is incorrect?

Table 1.1 Number and percentage of persons without health insurance coverage, by age group: United States, 1997-2005

<table>
<thead>
<tr>
<th>Year</th>
<th>All ages</th>
<th>Under 65 years</th>
<th>18-64 years</th>
<th>Under 18 years</th>
<th>All ages</th>
<th>Under 65 years</th>
<th>Crude</th>
<th>Age-Adjusted</th>
<th>18-64 years</th>
<th>Under 18 years</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Number in Millions</td>
<td>Percent (95% confidence interval)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>1997</td>
<td>41.0</td>
<td>40.7</td>
<td>30.8</td>
<td>9.9</td>
<td>15.4</td>
<td>(15.0-15.8)</td>
<td>17.2</td>
<td>(16.8-17.7)</td>
<td>18.9</td>
<td>(18.4-19.4)</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17.4</td>
<td>(16.9-17.9)</td>
<td></td>
<td></td>
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<tr>
<td>1998</td>
<td>39.3</td>
<td>39.0</td>
<td>30.0</td>
<td>9.1</td>
<td>14.6</td>
<td>(14.1-15.1)</td>
<td>16.4</td>
<td>(15.9-16.9)</td>
<td>18.2</td>
<td>(17.7-18.7)</td>
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<td>16.5</td>
<td>(16.0-17.0)</td>
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<td>1999</td>
<td>38.7</td>
<td>38.3</td>
<td>29.8</td>
<td>8.5</td>
<td>14.2</td>
<td>(13.8-14.6)</td>
<td>16.0</td>
<td>(15.5-16.5)</td>
<td>17.8</td>
<td>(17.3-18.3)</td>
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<td></td>
<td></td>
<td>16.0</td>
<td>(15.5-16.5)</td>
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<td>2000</td>
<td>41.3</td>
<td>40.8</td>
<td>32.0</td>
<td>8.9</td>
<td>14.9</td>
<td>(14.5-15.3)</td>
<td>16.8</td>
<td>(16.3-17.3)</td>
<td>18.7</td>
<td>(18.1-19.2)</td>
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<td></td>
<td></td>
<td>16.8</td>
<td>(16.3-17.2)</td>
<td></td>
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<td>2001</td>
<td>40.2</td>
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<td>31.9</td>
<td>7.9</td>
<td>14.3</td>
<td>(13.8-14.8)</td>
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<td>(15.7-16.7)</td>
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<td>(18.7-19.8)</td>
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<td>(15.7-16.7)</td>
<td></td>
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<td>7.6</td>
<td>14.7</td>
<td>(14.3-15.1)</td>
<td>16.5</td>
<td>(16.0-16.9)</td>
<td>19.1</td>
<td>(18.6-19.6)</td>
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<td></td>
<td></td>
<td>16.5</td>
<td>(16.0-16.9)</td>
<td></td>
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<td>2003</td>
<td>43.6</td>
<td>43.2</td>
<td>35.9</td>
<td>7.3</td>
<td>15.2</td>
<td>(14.8-15.7)</td>
<td>17.2</td>
<td>(16.6-17.7)</td>
<td>20.1</td>
<td>(19.5-20.6)</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17.2</td>
<td>(16.6-17.7)</td>
<td></td>
<td></td>
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<td></td>
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<td>2004 (Method 1)</td>
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<td>42.0</td>
<td>35.0</td>
<td>7.0</td>
<td>14.7</td>
<td>(14.3-15.2)</td>
<td>16.6</td>
<td>(16.1-17.0)</td>
<td>19.4</td>
<td>(18.9-19.9)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>16.6</td>
<td>(16.1-17.0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004 (Method 2)</td>
<td>42.1</td>
<td>41.7</td>
<td>34.9</td>
<td>6.8</td>
<td>14.6</td>
<td>(14.2-15.0)</td>
<td>16.6</td>
<td>(16.2-17.1)</td>
<td>19.3</td>
<td>(18.8-19.8)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16.6</td>
<td>(16.2-17.1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jan.-March 2005</td>
<td>417</td>
<td>414</td>
<td>35.1</td>
<td>6.3</td>
<td>14.4</td>
<td>(13.5-15.3)</td>
<td>16.2</td>
<td>(15.2-17.3)</td>
<td>19.3</td>
<td>(19.2-20.5)</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16.4</td>
<td>(15.4-17.4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANSWERS:
A. Fewer adults aged 18-64 were uninsured in 1997-1999 than in 2000-2003.
B. Women are less likely to be uninsured than men of the same age.
C. The group with the fewest uninsured individuals is children under 18.
D. Men aged 25-34 are more likely to be uninsured than men aged 18-24. (correct answer)

Multiple Graphics Topic Quiz Question 2:
Click Chart at the bottom of the page to access the graphics. These bar charts display information on the number of educational degrees awarded for men and women for past time periods and future projections.
Use the information in the charts to select the best answer to the question.
Based on information in the graphics:
ANSWERS:
A. women are expected to earn more doctoral degrees than men.
B. women will earn more associate’s degrees in 2012-2013 than bachelor’s degrees.
C. more associate’s degrees will be awarded in 2012-2013 than master’s degrees.  
   (correct answer)
D. men earn more master’s degrees than women.
Multiple Graphics Topic Quiz Question 3:

Click Chart at the bottom of the page to access the graphics. These two charts display information about workplace injuries in the United States in 2003.

Use this information to answer this question.

Which industry sector had a lower percentage of workplace injuries and the highest incident rate of cases with days away from work?

Chart 1. Incidence rates for cases with days away from work, job transfer, or restriction, by case type and selected industry sector, 2003

ANSWERS:
A. Construction
B. Manufacturing
C. Transportation and Warehousing (correct answer)
D. Agriculture, forestry, fishing and hunting
Multiple Graphics Topic Quiz Question 4:  
Click Chart at the bottom of the page to access the graphics. These tables show information on occupational injuries for industry sectors and the size of the business.  
Use the information in the two tables to answer this question.  
Based on the data reported in the tables, which of the following statements is true?  

**TABLE 3. Incidence rates (1) of nonfatal occupational injuries and illnesses by industry sector and employment size, 2003**

<table>
<thead>
<tr>
<th>Industry sector</th>
<th>All establishments</th>
<th>Establishment employment size (workers)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1 to 10</td>
</tr>
<tr>
<td>Private Industry (2)</td>
<td>5.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Agriculture, forestry and fishing (2)</td>
<td>6.7</td>
<td>3.8</td>
</tr>
<tr>
<td>Mining (3)</td>
<td>5.1</td>
<td>-</td>
</tr>
<tr>
<td>Construction</td>
<td>6.8</td>
<td>4.9</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>6.8</td>
<td>2.7</td>
</tr>
<tr>
<td>Service providing</td>
<td>4.4</td>
<td>1.7</td>
</tr>
<tr>
<td>Trade, transportation and utilities (4)</td>
<td>5.5</td>
<td>2.2</td>
</tr>
<tr>
<td>Information</td>
<td>2.2</td>
<td>-</td>
</tr>
<tr>
<td>Financial activities</td>
<td>1.7</td>
<td>1.5</td>
</tr>
<tr>
<td>Professional and business services</td>
<td>2.5</td>
<td>1.2</td>
</tr>
<tr>
<td>Educational and health services</td>
<td>6.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Leisure and hospitality</td>
<td>5.1</td>
<td>-</td>
</tr>
<tr>
<td>Other services, except public administration</td>
<td>3.4</td>
<td>2.1</td>
</tr>
</tbody>
</table>

(1) The incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as (N/EH) x 200,000, where  
N = number of illnesses and injuries  
EH = total hours worked by all employees during the calendar year  
200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year)  

(2) Excludes farms with fewer than 11 employees.  

(3) Data conforming to OSHA definitions for mining operators in coal, metal and nonmetal mining and employees in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor, and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal and nonmetal mining industries.  

**NOTE:** Dash indicates data not available.  

**SOURCE:** Bureau of Labor Statistics, U.S. Department of Labor
ANSWERS:

A. The incidence rate of injuries increased for all private industry establishments from 2000 to 2003.

B. The incidence rate of injuries in Construction was highest in companies with 1000 employees or more in both 2000 and 2003.

C. For both 2000 and 2003, companies with 11-49 employees had a higher incidence rate of injuries than companies with 50-249 employees.

D. The Construction and Manufacturing sectors had the highest injury incidence rates in both 2000 and 2003. (correct answer)

**TABLE 3. Incidence rates of nonfatal occupational injuries by industry division and employment size, 2000**

<table>
<thead>
<tr>
<th>Industry division</th>
<th>All establishments</th>
<th>Establishment employment size (workers)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1 to 10</td>
</tr>
<tr>
<td>Private industry</td>
<td>5.8</td>
<td>2.1</td>
</tr>
<tr>
<td>Agriculture, forestry, and fishing</td>
<td>6.8</td>
<td>4.9</td>
</tr>
<tr>
<td>Mining</td>
<td>4.6</td>
<td>4.5</td>
</tr>
<tr>
<td>Construction</td>
<td>8.2</td>
<td>5.0</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>7.8</td>
<td>3.4</td>
</tr>
<tr>
<td>Durable goods</td>
<td>5.6</td>
<td>4.4</td>
</tr>
<tr>
<td>Nondurable goods</td>
<td>6.7</td>
<td>1.7</td>
</tr>
<tr>
<td>Transportation and public utilities</td>
<td>6.7</td>
<td>2.5</td>
</tr>
<tr>
<td>Wholesale and retail trade</td>
<td>5.8</td>
<td>1.9</td>
</tr>
<tr>
<td>Wholesale trade</td>
<td>5.7</td>
<td>1.9</td>
</tr>
<tr>
<td>Retail trade</td>
<td>5.8</td>
<td>1.9</td>
</tr>
<tr>
<td>Finance, insurance, and real estate</td>
<td>1.6</td>
<td>1.3</td>
</tr>
<tr>
<td>Services</td>
<td>4.6</td>
<td>1.3</td>
</tr>
</tbody>
</table>

1 The incidence rates represent the number of injuries per 100 full-time workers and were calculated as: (N x EH) x 200,000, where N = number of injuries, EH = total hours worked by all employees during the calendar year, and 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year). NOTE: Dash indicates data not available.

2 Excludes firms with fewer than 11 employees.

3 Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining industries.

Multiple Graphics Topic Quiz Question 5:
Click Chart at the bottom of the page to access the graphics. These two graphics show information on workplace injuries for different industries over a range of years.

Chart 1. Nonfatal workplace injuries and illness incidence rates by industry, 1998-2000

Incidence rates per 100 full-time workers

- Agriculture, Forestry & Fishing
- Mining
- Construction
- Manufacturing
- Transportation
- Trade
- Finance, Insurance & Real Estate
- Services
### TABLE 7. Incidence rates (1) of nonfatal occupational injuries and illnesses by industry division and selected case types, 1998-2000

(1) The incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as (N/EH) x 200,000, where

- \( N \) = number of illnesses and injuries
- \( EH \) = total hours worked by all employees during the calendar year
- \( 200,000 \) = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

(2) Total lost workday cases involve days away from work, days of restricted work activity or both.

(3) Days-away-from-work cases include those which result in days away from work with or without restricted activity.

(4) Excludes farms with fewer than 11 employees.

(5) Data conforming to OSHA definitions for mining operators in coal, metal and nonmetal mining and employees in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor, and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal and nonmetal mining industries.

NOTE: Because of rounding, components may not add to totals.


<table>
<thead>
<tr>
<th>Industry Division</th>
<th>Total Cases</th>
<th>Lost workerday cases</th>
<th>Cases without lost work days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Industry (4)</td>
<td>6.7</td>
<td>6.3</td>
<td>6.1</td>
</tr>
<tr>
<td>Agriculture, forestry and fishing (4)</td>
<td>7.9</td>
<td>7.3</td>
<td>7.1</td>
</tr>
<tr>
<td>Mining (5)</td>
<td>4.9</td>
<td>4.4</td>
<td>4.7</td>
</tr>
<tr>
<td>Construction</td>
<td>8.8</td>
<td>8.6</td>
<td>8.3</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>9.7</td>
<td>9.2</td>
<td>9.0</td>
</tr>
<tr>
<td>Durable Goods</td>
<td>1.07</td>
<td>1.0</td>
<td>1.1</td>
</tr>
<tr>
<td>Nondurable Goods</td>
<td>8.2</td>
<td>7.8</td>
<td>7.8</td>
</tr>
<tr>
<td>Transportation and public utilities (5)</td>
<td>7.3</td>
<td>7.3</td>
<td>6.9</td>
</tr>
<tr>
<td>Wholesale and retail trade</td>
<td>6.5</td>
<td>6.1</td>
<td>5.9</td>
</tr>
<tr>
<td>Wholesale trade</td>
<td>6.5</td>
<td>6.3</td>
<td>5.8</td>
</tr>
<tr>
<td>Retail trade</td>
<td>6.5</td>
<td>6.1</td>
<td>5.9</td>
</tr>
<tr>
<td>Finance, insurance and real estate</td>
<td>1.9</td>
<td>1.8</td>
<td>1.9</td>
</tr>
<tr>
<td>Services</td>
<td>5.2</td>
<td>4.9</td>
<td>4.9</td>
</tr>
</tbody>
</table>
ANSWERS:
A. Finance, Insurance and Real Estate
B. Manufacturing
C. Mining (correct answer)
D. Construction

LOCATING INFORMATION LEVEL 5 – EXTRACTING DATA TOPIC QUIZ

Extracting Data Topic Quiz Question 1:
These two pie charts display information about housing needs for different populations in the United States. Use the information in the charts to answer the question. Based on information in the two charts, which was the group with the largest percentage of critical housing needs?


Extracting Data Topic Quiz Question 2:
These graphics show additional information about housing needs of families. Use the information in the charts to answer the question. Based on the information in these graphics, which of the following statements is incorrect?

Working families with critical housing needs are:

ANSWERS:
A. Non-elderly, not-working native born families
B. Elderly, not-working immigrant families
C. Low-to-moderate income native-born families
D. Low-to-moderate income immigrant families (correct answer)
ANSWERS:
A. more likely to have incomes below 50% of the area median income.
B. more likely to have lower median incomes.
C. more likely to have incomes above 80% of the area median income. (correct answer)
D. more likely to have only one wage earner.

Extracting Data Quiz Question 3:
This question concerns employment information of scientists and engineers in the United States. Click Chart at the bottom of the page to access the information. Use this information to answer the question.
The science and engineering occupation that is likely to have the greatest number of women...
Figure 3-21
Median annual salary of employed scientists and engineers, by broad occupation and sex: 1999

Dollars

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>All S&amp;E occupations</td>
<td>60,000</td>
<td></td>
</tr>
<tr>
<td>Mathematical/computer scientists</td>
<td>50,000</td>
<td></td>
</tr>
<tr>
<td>Life/related scientists</td>
<td>40,000</td>
<td></td>
</tr>
<tr>
<td>Physical/related scientists</td>
<td>30,000</td>
<td></td>
</tr>
<tr>
<td>Social/related scientists</td>
<td>20,000</td>
<td></td>
</tr>
<tr>
<td>Engineers</td>
<td>70,000</td>
<td></td>
</tr>
</tbody>
</table>

SOURCE: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT), 1999. See appendix table 3-15.

Science & Engineering Indicators – 2004

Figure 3-20
Female employment in S&E occupations, by broad occupation: 1993 and 1999

Percent

<table>
<thead>
<tr>
<th>Occupation</th>
<th>1993</th>
<th>1999</th>
</tr>
</thead>
<tbody>
<tr>
<td>All S&amp;E occupations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematical/computer scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life/related scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical/related scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social/related scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


Science & Engineering Indicators – 2004
ANSWERS:
A. engineers.
B. life/related scientists.
C. mathematical/computer scientists. (correct answer)
D. social/related scientists.

Extracting Data Topic Quiz Question 4:
This question uses information about bus schedules in Washington, DC. Click Map at the bottom of the page to access the graphics. One graphic is a map of a bus route. A second graphic shows the detailed bus schedule.
Use these graphics to answer the question.
You are scheduled to fly out of Reagan National Airport on Saturday at 10:00 AM. You need to catch a bus at the 10th St. and Pennsylvania Ave. NW stop that will get you to the airport on time. Which bus should you take?
ANSWERS:
A. 13A at 8:18 AM
B. 13F at 7:13 AM
C. 13G at 7:52 AM (correct answer)
D. 13B at 8:07

Extracting Data Topic Quiz Question 5:
This bar chart shows information about the type of activities of Internet users in the United States in 2001 and 2003.
Use the chart to answer this question.
The greatest percent increase in Internet activities from 2001 to 2003 was in:

Online Activities, 2001 and 2003

ANSWERS:
A. email and instant messaging.
B. purchasing products and services.
C. banking online. (correct answer)
D. searching for information on health services.
Graphic for Identifying Trends Top Quiz Questions 1-3:

<table>
<thead>
<tr>
<th>Funding category and agency</th>
<th>2003 actual</th>
<th>2004 preliminary</th>
<th>2005 proposed</th>
<th>2004-05 Percent change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2,042</td>
<td>1,824</td>
<td>1,847</td>
<td>-4.0</td>
</tr>
<tr>
<td>Agricultural research and services (352)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Department of Agriculture (USDA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agricultural Research Service</td>
<td>1,302</td>
<td>1,171</td>
<td>1,191</td>
<td>1.7</td>
</tr>
<tr>
<td>Research on plant sciences</td>
<td>347</td>
<td>384</td>
<td>328</td>
<td>-14.6</td>
</tr>
<tr>
<td>Research on commodity conversion</td>
<td>189</td>
<td>176</td>
<td>180</td>
<td>2.2</td>
</tr>
<tr>
<td>Research on animal sciences</td>
<td>162</td>
<td>172</td>
<td>156</td>
<td>-9.4</td>
</tr>
<tr>
<td>Research on soil, water, and air sciences</td>
<td>104</td>
<td>107</td>
<td>94</td>
<td>-12.8</td>
</tr>
<tr>
<td>Research on human nutrition</td>
<td>75</td>
<td>75</td>
<td>75</td>
<td>-5.3</td>
</tr>
<tr>
<td>Integration of agricultural systems</td>
<td>47</td>
<td>40</td>
<td>41</td>
<td>1.4</td>
</tr>
<tr>
<td>Agricultural library services</td>
<td>23</td>
<td>21</td>
<td>22</td>
<td>7.4</td>
</tr>
<tr>
<td>Homeland security</td>
<td>22</td>
<td>19</td>
<td>20</td>
<td>0.9</td>
</tr>
<tr>
<td>Facilities and equipment</td>
<td>334</td>
<td>176</td>
<td>276</td>
<td>56.6</td>
</tr>
<tr>
<td>Cooperative State Research, Education, and Extension Service</td>
<td>611</td>
<td>619</td>
<td>512</td>
<td>-17.3</td>
</tr>
<tr>
<td>National Research Initiative</td>
<td>166</td>
<td>164</td>
<td>180</td>
<td>9.7</td>
</tr>
<tr>
<td>Payments under the Hatch Act</td>
<td>179</td>
<td>179</td>
<td>180</td>
<td>0.6</td>
</tr>
<tr>
<td>Payments to 1890 colleges and Tuskegee Institute (Evans-Allen)</td>
<td>35</td>
<td>36</td>
<td>36</td>
<td>0.6</td>
</tr>
<tr>
<td>McIntire-Stanim cooperative forestry</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>0.6</td>
</tr>
<tr>
<td>Special research grants</td>
<td>112</td>
<td>111</td>
<td>3</td>
<td>-97.0</td>
</tr>
<tr>
<td>Other research programs</td>
<td>97</td>
<td>108</td>
<td>91</td>
<td>-15.9</td>
</tr>
<tr>
<td>Economic Research Service</td>
<td>69</td>
<td>71</td>
<td>80</td>
<td>12.7</td>
</tr>
<tr>
<td>Animal and Plant Health Inspection Service</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>-3.4</td>
</tr>
<tr>
<td>Natural Resources Conservation Service</td>
<td>14</td>
<td>14</td>
<td>14</td>
<td>0.0</td>
</tr>
<tr>
<td>Federal Grain Inspection Service</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>0.0</td>
</tr>
<tr>
<td>Agricultural Marketing Service</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>0.0</td>
</tr>
<tr>
<td>National Agricultural Statistics Service</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>0.0</td>
</tr>
<tr>
<td>Foreign Agricultural Service</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>0.0</td>
</tr>
</tbody>
</table>

NOTES: Details may not add to totals because of rounding. Percent change derived from unrounded data.

SOURCES: USDA submission to Office of Management and Budget, MAX Schedule C; USDA budget justification documents; and supplemental data obtained from USDA budget office.

Identifying Trends Topic Quiz Question 1:
Click Table at the bottom of the page to access the graphics. This table shows information on funding budgeted for Federal research for agriculture over a three-year period.
Use the information in the table to answer the question.
Which agricultural research program shows the greatest percent increase in funding from 2004 to 2005?
ANSWERS:
A. **Facilities and Equipment (correct answer)**
B. Agricultural Research Service
C. Economic Research Service
D. Special Research Grants

**Identifying Trends Topic Quiz Question 2:**
Click *Table* at the bottom of the page to access the graphics. This table shows information on funding budgeted for Federal research for agriculture over a three-year period.
Use the information in the table to answer this question.
Using the table, which of the following trend statements is true?

**ANSWERS:**
A. Funding for Cooperative State Research, Education and Extension Service has steadily increased from 2003 to 2005.
B. Research on plant sciences decreased 14.6 percent from 2003 to 2005.
C. *The budget for Research on Human Nutrition will change more than the budget for the Natural Resources Conservation Service. (correct answer)*
D. Homeland Security funding will increase slightly from 2003 to 2005.

**Identifying Trends Topic Quiz Question 3:**
Click *Table* at the bottom of the page to access the graphics. This table shows information on funding budgeted for Federal research for agriculture over a three-year period.
Use the information in the table to answer this question.
The decrease in the proposed 2005 budget for Cooperative State Research, Education and Extension Service is mainly due to a reduction in funding for:

**ANSWERS:**
A. National Research Initiative
B. Research for Plant Sciences
C. Other Research Programs
D. **Special Research Grants (correct answer)**
Identifying Trends Topic Quiz Question 4:

These graphs summarize data on certain characteristics of U.S. airline flights. Use this information to answer this question. Based on the information in the graphs, which of the following statements is true?

**ANSWERS:**

A. The percentage of flights delayed increased significantly from 1998 to 2005.  
B. **The percentage of ontime flights improved from 1998 to 2005. (correct answer)**  
C. Flights were less likely to be cancelled in 2001 than 2005.  
D. There was little variation in the number of flight cancellations from 1998 to 2005.
Identifying Trends Topic Quiz Question 5:
This graph shows information about trade between the United States and Canada and Mexico by surface transportation (truck, rail and pipeline).

Use the graph to answer the following question.

Which line indicates an increase in value of U.S. goods traded of approximately 200 billion dollars from 1993 to 2004?

Figure 3

NOTE: Surface modes = truck, rail, and pipeline; excludes air and vessel.

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, Transborder Freight Data, as of April 2006.

ANSWERS:

A. Total surface trade
B. Surface trade with Canada (correct answer)
C. Surface trade with Mexico
D. Unable to determine from information shown
Drawing Conclusions Topic Quiz Question 1:
Click Form at the bottom of the page to access the log form of barge traffic. Use the information in
the form to select the best answer to the question for this situation.
A newly hired barge line dispatcher handling barge/towboat dispatch is learning about the
compny’s business.

According to the form shown, what is the general northbound/southbound traffic flow for the
barges?
KeyTrain
Locating Information

Level 6 – Topic Quiz Answers

**FRANK R. ALTER**

0600 Position: Da 789.7 Lower - 25 ids - Hardy & Kidd - 61 miles past 24 hrs
Past 24 Hours Operations:
- 1000- Departed fog Mile 830.5
- 1400- Stopped in fog Mile 769.7
Crew Changes: Joe Langford $20.00 adv., Melvin Prater $25.00 adv
Fuel: 66,002 - - 4,316 used.

**BEVERLY ANN**


**GORDON JONES**

0800 Position: Da 179 Upper - 51ds - Woodring & Bullard - 69 miles past 24 hrs
Dest: Turn M/V Bernard G.
Past 24 Hours Operations:
- 0940-1000 At Mile 159, dropping mt AGS 511 (no tug)
- 1335-1350 Locking 27
- 1415-1445 Waiting to P/U Id WTT 841 at Granite City
- 1705-1710 At Mile 199, tug took mt AGS 924
- 1715-1945 Waiting to build SB
- 1945-2255 P/U Ids AGS 905, 942, 642B, 687B, assisted by tug
- 2255-2350 Completing SB tow, putting on wires, etc.
- 0045-0415 Stopped in fog
- 0700-0720 Locking 27
Fuel: 94,201 -- 1,025 used

**CHARLES SMITH**

0600 Position: Up 65 Upper - 12 mts - Crowe & Dismore - 116 miles past 24 hrs
Past 24 Hours Operations:
- 1315- Arrived Misco Fleet NB, received 12 mts from Bernard G tow
- 1345- Tug assisted in tow work, WTT 401, 403, 705, 804, 812, 815, 829, 836, CA 105B, CA 132B, CA 502, MAC 642
- 1500- Departed NB
- 1930- Mile 32 hit submerged object. Killed port engine, no apparent damage
- 0115-0330 Mile 55 stopped in fog
- 0435-0515 Mile 60 stopped in fog and rain
Other Special Notes: Misco Fleet owed boat 18 ratchets, 18 wires, 20 straps, 2 chain links, 25 shackles and pins
Fuel: 85,326 -- 4,411 used

**RENEE G.**

Past 24 Hours Operations:
- 1020- Departed National Marine
- 1030-1405 Taking on fuel, water and lube at Ory Bros.
- 1530-1620 Locking 26 NB
- 2115-2215 Switch ends of tow
- 0600-0700 Working through ice gorge
Crew Changes: Jim Breeding $50.00 adv., Tim Cook on
Fuel: 79,329 -- 1,065 used rec’d 41,900 -- 450 lube

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KeyTrain
Locating Information Level 6 – Topic Quiz Answers

ANSWERS:
A. Southbound barges are empty.
B. Northbound barges are empty.
C. **Southbound barges are loaded and northbound barges are empty. (correct answer)**
D. Southbound barges are empty and northbound barges are loaded.

Graphic for Drawing Conclusions Topic Quiz Questions 2-3:

![Spirometric Standards for Normal Males](image)

TO USE THE NOMOGRAM:
Lay a straightedge between the patient's height as read on the HEIGHT scale and his age as it appears on the AGE scale.

Drawing Conclusions Topic Quiz Question 2:
Click Graph at the bottom of the page to access the graphics. This graphic, a nomogram, displays predicted values of respiration for males.
Use the nomogram to select the best answer to the question. Note the directions on the nomogram.
What should the FEF200-1200 be for a 50 year old male who is 6 feet 1 inch?

ANSWERS:
A. 4.0 l/sec  
B. 7.6 l/sec (correct answer)  
C. 4.5 l/sec  
D. 7.3 l/sec

Drawing Conclusions Topic Quiz Question 3:
Click Graph at the bottom of the page to access the graphic. This graphic, a nomogram, displays predicted values of respiration for males.
Use the nomogram to select the best answer to the question. Note the directions on the nomogram.
What is the predicted FEV1.0 of a 40 year old man who is 163 cm tall?

ANSWERS:
A. 7.2 l/sec  
B. 3.8 l/sec  
C. 7.2 l/sec  
D. 3.4 l/sec (correct answer)
### KeyTrain

**Locating Information**

**Level 6 – Topic Quiz Answers**

Graphic for Drawing Conclusions Topic Quiz Questions 4-5:

<table>
<thead>
<tr>
<th>NAICS Code</th>
<th>Kind of Business</th>
<th>Sales</th>
<th>Inventories</th>
<th>Percent Change in Inventories</th>
<th>Inventories/Sales Ratios</th>
</tr>
</thead>
<tbody>
<tr>
<td>441</td>
<td>Motor vehicle &amp; parts dealers</td>
<td>316,529</td>
<td>332,510</td>
<td>297,272</td>
<td>458,708</td>
</tr>
<tr>
<td>442,3</td>
<td>Furniture, home furnishings &amp; appliance stores</td>
<td>241,322</td>
<td>230,579</td>
<td>238,646</td>
<td>314,548</td>
</tr>
<tr>
<td>444</td>
<td>Building materials, garden eq &amp; supplies</td>
<td>17,584</td>
<td>17,649</td>
<td>15,519</td>
<td>29,200</td>
</tr>
<tr>
<td>451</td>
<td>Food &amp; beverage stores</td>
<td>43,847</td>
<td>45,822</td>
<td>41,547</td>
<td>33,715</td>
</tr>
<tr>
<td>452</td>
<td>Clothing &amp; clothing accessory stores</td>
<td>16,712</td>
<td>16,627</td>
<td>15,616</td>
<td>39,527</td>
</tr>
<tr>
<td>452</td>
<td>General merchandise stores</td>
<td>44,597</td>
<td>44,459</td>
<td>41,735</td>
<td>73,458</td>
</tr>
<tr>
<td>452</td>
<td>Dept. stores (excl. leased dept.)</td>
<td>17,703</td>
<td>17,768</td>
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Not Adjusted:

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<th>Sales</th>
<th>Inventories</th>
<th>Percent Change in Inventories</th>
<th>Inventories/Sales Ratios</th>
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**Drawing Conclusions Topic Quiz Question 4:**

Click Table at the bottom of the page to view the table.

This table shows sales and inventory information for different kinds of businesses in the United States.

Use the information in the table to select the best answer to the question.

The type of business with the least amount of change in Inventory/Sales ratio from 2004 to 2005 was:

**ANSWERS:**

- A. **general merchandise stores. (correct answer)**
- B. motor vehicles and parts dealers.
- C. clothing and clothing accessory stores.
- D. food and beverage stores.
Drawing Conclusions Topic Quiz Question 5:
Click Table at the bottom of the page to access the table.
The table shows sales and inventory information for different kinds of businesses in the United States.
Use the information in the table to select the best answer to the question.

Which type of business, by NAICS code, shows both a significant reduction in inventory and an increase in sales from August 2004 to August 2005?

ANSWERS:
A. 452
B. 444
C. 441 (correct answer)
D. 445
### Energy Saver Refrigerators & Freezers

**Last Modified: 1/30/2006**

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<th>Adjusted Vol.</th>
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</table>

NOTES
AV = Adjusted Volume
Refrigerator-Freezer AV = Fresh Volume + (1.63*Freezer Volume)
Refrigerator AV = (1.63*Total Volume)
Freezer AV = (1.73*Total Volume)
Compact refrigerators, refrigerator-freezers, and freezers are products with a total volume of less than 7.75 cubic feet and 36 inches or less in height
Ice = This indicates whether or not the model features the through-the-door ice feature

Configuration Codes
TF: Top Freezer
BF: Bottom Freezer
SS: Side-by-Side
SD: Refrigerator only - single door
SR: Refrigerator/Freezer - single door
UF: Upright Freezer
CF: Chest Freezer

Defrost Codes
A: Automatic Defrost

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### Graphic for Using Criteria Topic Quiz Questions 2 and 4:

<table>
<thead>
<tr>
<th>Product Category</th>
<th>NAECa as of July 1, 2001 Maximum Energy Usage: Adjusted Volume &amp; kWh/year</th>
<th>Previous ENERGY STAR level: AV &amp; kWh/year</th>
<th>Current ENERGY STAR level (as of January 1, 2004): AV &amp; kWh/year</th>
<th>Configuration(s)</th>
<th>Ice</th>
<th>Defrost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Refrigerators and Refrigerator-freezers with manual defrost</td>
<td>8.82*AV+248.4</td>
<td>7.938*AV+223.56</td>
<td>7.497*AV+211.14</td>
<td>SR; SD; TF; SS</td>
<td>N</td>
<td>M</td>
</tr>
<tr>
<td>2. Refrigerator-Freezer--partial automatic defrost</td>
<td>8.82*AV+248.4</td>
<td>7.938*AV+223.56</td>
<td>7.497*AV+211.14</td>
<td>SR; TF; SS; BF</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>3. Refrigerator-Freezers--automatic defrost with top-mounted freezer without through-the-door ice service and all-refrigerators--automatic defrost</td>
<td>9.80*AV+276</td>
<td>8.82*AV+248.4</td>
<td>8.33*AV+234.6</td>
<td>TF; SD; SR</td>
<td>N</td>
<td>A</td>
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<tr>
<td>4. Refrigerator-Freezers--automatic defrost with side-mounted freezer without through-the-door ice service</td>
<td>4.91*AV+507.5</td>
<td>4.419*AV+456.75</td>
<td>4.1735*AV+431.375</td>
<td>SS</td>
<td>N</td>
<td>A</td>
</tr>
<tr>
<td>5. Refrigerator-Freezers--automatic defrost with bottom-mounted freezer without through-the-door ice service</td>
<td>4.60*AV+459</td>
<td>4.14*AV+413.1</td>
<td>3.91*AV+390.15</td>
<td>BF</td>
<td>N</td>
<td>A</td>
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<tr>
<td>6. Refrigerator-Freezers--automatic defrost with top-mounted freezer with through-the-door ice service</td>
<td>10.20*AV+356</td>
<td>9.18*AV+320.4</td>
<td>8.67*AV+302.6</td>
<td>TF</td>
<td>Y</td>
<td>A</td>
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<tr>
<td>7. Refrigerator-Freezers--automatic defrost with side-mounted freezer with through-the-door ice service</td>
<td>10.10*AV+406</td>
<td>9.09*AV+365.4</td>
<td>8.585*AV+345.1</td>
<td>SS</td>
<td>Y</td>
<td>A</td>
</tr>
<tr>
<td>8. Upright Freezers with Manual Defrost</td>
<td>7.55*AV+258.3</td>
<td>6.795*AV+232.4</td>
<td>6.795*AV+232.4</td>
<td>UF</td>
<td>M</td>
<td>N</td>
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<tr>
<td>9. Upright Freezers with Automatic Defrost</td>
<td>12.43*AV+326.1</td>
<td>11.187*AV+293.4</td>
<td>11.187*AV+293.4</td>
<td>UF</td>
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<td>N</td>
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<tr>
<td>10. Chest Freezers and all other Freezers except Compact Freezers</td>
<td>9.88*AV+143.7</td>
<td>8.892*AV+129.33</td>
<td>8.892*AV+129.33</td>
<td>CF</td>
<td>M</td>
<td>A</td>
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<tr>
<td>11. Compact Refrigerators and Refrigerator-Freezers with Manual Defrost</td>
<td>10.70*AV+299</td>
<td>8.56*AV+239.2</td>
<td>8.56*AV+239.2</td>
<td>SR; SD; TF; SS; BF</td>
<td>N</td>
<td>A</td>
</tr>
<tr>
<td>12. Compact Refrigerator-Freezer--partial automatic defrost</td>
<td>7.00*AV+398</td>
<td>5.6*AV+318.4</td>
<td>5.6*AV+318.4</td>
<td>SR; TF; SS; BF</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>13. Compact Refrigerator-Freezers--automatic defrost with top-mounted freezer and compact all-refrigerators--automatic defrost</td>
<td>12.70*AV+355</td>
<td>10.16*AV+284</td>
<td>10.16*AV+284</td>
<td>TF; SD; SR</td>
<td>Y</td>
<td>N</td>
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<tr>
<td>14. Compact Refrigerator-Freezers--automatic defrost with side-mounted freezer</td>
<td>7.60*AV+501</td>
<td>6.08*AV+400.8</td>
<td>6.08*AV+400.8</td>
<td>SS</td>
<td>Y</td>
<td>A</td>
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<tr>
<td>15. Compact Refrigerator-Freezers--automatic defrost with bottom-mounted freezer</td>
<td>13.10*AV+367</td>
<td>10.48*AV+293.6</td>
<td>10.48*AV+293.6</td>
<td>BF</td>
<td>Y</td>
<td>A</td>
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<tr>
<td>16. Compact Upright Freezers with Manual Defrost</td>
<td>9.78*AV+250.8</td>
<td>7.824*AV+200.64</td>
<td>7.824*AV+200.64</td>
<td>UF</td>
<td>M</td>
<td>N</td>
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<tr>
<td>17. Compact Upright Freezers with Automatic Defrost</td>
<td>11.40*AV+391</td>
<td>9.12*AV+312.8</td>
<td>9.12*AV+312.8</td>
<td>UF</td>
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<td>N</td>
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<tr>
<td>18. Compact Chest Freezers</td>
<td>10.45*AV+152</td>
<td>8.36*AV+121.6</td>
<td>8.36*AV+121.6</td>
<td>CF</td>
<td>M</td>
<td>A</td>
</tr>
</tbody>
</table>
**NOTES**

**AV = Adjusted Volume**
- Refrigerator-Freezer AV = Fresh Volume + (1.63*Freezer Volume)
- Refrigerator AV = (1.63*Total Volume)
- Freezer AV = (1.73*Total Volume)

Compact refrigerators, refrigerator-freezers, and freezers are products with a total volume of less than 7.75 cubic feet and 36 inches or less in height.

**Ice = This indicates whether or not the model features the through-the-door ice feature**

**kWh/year = kilowatt hours per year energy usage**

**Configuration Codes**
- **TF:** Top Freezer
- **BF:** Bottom Freezer
- **SS:** Side-by-Side
- **SD:** Refrigerator only - single door
- **SR:** Refrigerator/Freezer - single door
- **UF:** Upright Freezer
- **CF:** Chest Freezer

**Defrost Codes**
- **A:** Automatic Defrost
- **M:** Manual Defrost
- **P:** Partial Automatic Defrost

**Using Criteria Topic Quiz Question 1:**
Click the Table button to access the graphics. This table shows information about the energy consumption of refrigerators and freezers.

Use the information in the table to answer the question.

Of these models, which upright freezer over 15 cubic feet in volume has the lowest kilowatts per year rating?

**ANSWERS:**
- **A. Allcool AQU1525AEW** (correct answer)
- B. Koolfree 23725
- C. Frost CRTE187A
- D. Warren FP18

**Using Criteria Topic Quiz Question 2:**
Click the Table button to access the graphics. This table shows information about the energy consumption of refrigerators and freezers.

Use the information in the table to answer the question.

Which of these refrigerator/freezer configurations uses the least kWh per year?

**ANSWERS:**
- A. Automatic defrost BF without ice through the door
- B. Automatic defrost SS with ice through the door
- **C. Automatic defrost TF with through the door ice** (correct answer)
- D. Automatic defrost SS without through the door ice
Using Criteria Topic Quiz Question 3:
Click the Table button to view the graphics. This table shows information about the energy consumption of refrigerators and freezers.

Use the information in the table to answer the question.

Of the following models, which refrigerator’s energy efficiency is at least 16% better than the Standard kWh/yr. and uses the most amount of energy?

ANSWERS:
A. Defriese DFF1708W
B. Allcool ATF2138AE (correct answer)
C. Arctic Model 651WT-1
D. Premium Model GSD2615HE*

Using Criteria Topic Quiz Question 4:
Click the Table button to access the graphics. This table shows information about the energy consumption of refrigerators and freezers.

Use the information in the table to answer the question.
	Based on Current Energy Star levels (January, 2004) in the table, which of the following statements is true?

ANSWERS:
A. Bottom freezer models typically are smaller than top freezer models.
B. Chest freezers typically use more energy than upright freezers.
C. Side-by-side models use less energy than top freezer refrigerators.
D. Manual defrost refrigerators use less energy than automatic defrost models. (correct answer)

Using Criteria Topic Quiz Question 5:
Click the Table button to access the graphics. This table shows information about the energy consumption of refrigerators and freezers.

Use the information in the table to answer the question.
	Of the refrigerators listed, which standard size model uses the least energy?

ANSWERS:
A. Arctic Model 1201W-1 (correct answer)
B. Artic Model 651WT-1
C. Defriese Model DAR452BL
D. Defriese Model D9501S
Data Relationships Topic Quiz Question 1:
Click on Graphics to view the seating chart and reservation list. Use the two graphics to answer the question for this situation.
An employee is a greeter at a restaurant. A group of three customers arrives at the restaurant at 7:05 without a reservation. They do not want to sit near the kitchen.
© 2003, ACT, Inc. All rights reserved. Reproduced with permission.
According to the floor plan and reservation list shown, where should the greeter seat these customers?
### Reservations

<table>
<thead>
<tr>
<th>6:30</th>
<th>8:00</th>
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<tbody>
<tr>
<td>√ Johnson(1) #9</td>
<td>Martinez(7)</td>
</tr>
<tr>
<td>√ Fang(8) W#8</td>
<td>√ Smith(4) W#5</td>
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<tr>
<td>√ Colby(2) B #17</td>
<td>√ McAndrew(2) #19</td>
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<tr>
<td>√ Larsen(3) #27</td>
<td>√ Bolger(2) B #18</td>
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<td>√ Johnson(5) #11</td>
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</table>

<table>
<thead>
<tr>
<th>7:00</th>
<th>8:30</th>
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<tbody>
<tr>
<td>√ Connors (2) W#28</td>
<td>√ Ruiz (5) #28</td>
</tr>
<tr>
<td>Lewis(3) - hold #10</td>
<td>√ Ralk (6) #32</td>
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<td>Perry(6) R</td>
<td>Riviere(4) B</td>
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<tr>
<td>Jones(3) #13</td>
<td>√ Davis(4) #12</td>
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<td>Martin(6) W</td>
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<td>Watley(3) W#15</td>
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<td>Chang(4) W</td>
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<td>Law(8)</td>
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<td>-sort Brent(2)</td>
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<tr>
<td>Bryan(3) W</td>
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<tr>
<td>James(4) B</td>
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<td>Montana(2)</td>
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<tr>
<td>Dylan(7)</td>
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</table>

**Note:**
1. Number in parentheses = number of persons in party
2. B = request for booth
3. W = request for window seat
4. Number following # = table or booth number
5. Single line through name = cancellation
6. Check mark (✓) = arrival of party
7. Check mark and single line through name = departure of party

**ANSWERS:**
A. Table 10
**B. Table 7 (correct answer)**
C. Booth 4
D. Booth 16
### Graphic for Data Relationships Topic Quiz Questions 2-3:

#### SITC 5 - Chemicals and Related Products - Exports to China in thousands ($ USD)

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<td>Total</td>
<td>1,935,288</td>
<td>1,972,945</td>
<td>2,089,319</td>
<td>2,325,370</td>
<td>2,211,228</td>
<td>2,960,635</td>
<td>3,622,246</td>
<td>4,732,207</td>
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<td>51 - Organic Chemicals</td>
<td>208,969</td>
<td>212,049</td>
<td>303,212</td>
<td>473,865</td>
<td>373,764</td>
<td>554,321</td>
<td>1,054,735</td>
<td>1,542,183</td>
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<tr>
<td>57 - Plastics in Primary Form</td>
<td>341,129</td>
<td>320,665</td>
<td>394,144</td>
<td>545,683</td>
<td>628,305</td>
<td>740,797</td>
<td>931,880</td>
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<tr>
<td>59 - Chemical Materials</td>
<td>124,900</td>
<td>143,149</td>
<td>177,960</td>
<td>247,218</td>
<td>285,413</td>
<td>312,476</td>
<td>403,597</td>
<td>584,052</td>
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<tr>
<td>58 - Plastics in Nonprimary Form</td>
<td>50,979</td>
<td>66,581</td>
<td>74,318</td>
<td>101,319</td>
<td>142,200</td>
<td>177,030</td>
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<td>56 - Fertilizers</td>
<td>1,049,832</td>
<td>1,064,093</td>
<td>931,655</td>
<td>665,586</td>
<td>419,898</td>
<td>666,631</td>
<td>458,804</td>
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<td>52 - Inorganic Chemicals</td>
<td>46,766</td>
<td>42,196</td>
<td>51,334</td>
<td>87,092</td>
<td>98,385</td>
<td>159,153</td>
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<td>55 - Essential Oils</td>
<td>28,430</td>
<td>21,678</td>
<td>37,024</td>
<td>57,789</td>
<td>61,327</td>
<td>87,543</td>
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<td>54 - Medicinal and Pharmaceutical Products</td>
<td>39,058</td>
<td>61,349</td>
<td>61,522</td>
<td>71,169</td>
<td>86,202</td>
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<td>53 - Dyeing, Tanning and Coloring Materials</td>
<td>45,175</td>
<td>41,186</td>
<td>58,139</td>
<td>75,669</td>
<td>115,735</td>
<td>107,769</td>
<td>117,719</td>
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#### SITC 5 - Chemicals and Related Products - Exports to China

<table>
<thead>
<tr>
<th>Product</th>
<th>Value ($)</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>51 - Organic Chemicals</td>
<td>1,422,102</td>
<td>32.6%</td>
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<tr>
<td>57 - Plastics in Primary Form</td>
<td>1,342,808</td>
<td>28.4%</td>
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<tr>
<td>59 - Chemical Materials</td>
<td>584,052</td>
<td>12.3%</td>
</tr>
<tr>
<td>58 - Plastics in Nonprimary Form</td>
<td>317,476</td>
<td>6.7%</td>
</tr>
<tr>
<td>All Others</td>
<td>915,415</td>
<td>20.5%</td>
</tr>
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</table>

**Grand Total:** 4,732,208,511 100%

#### SITC 5 - Chemicals and Related Products - Imports from China in thousands ($ USD)

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<thead>
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<tr>
<td>Total</td>
<td>1,261,715</td>
<td>1,441,406</td>
<td>1,674,226</td>
<td>1,809,459</td>
<td>2,064,681</td>
<td>2,422,736</td>
<td>3,025,511</td>
<td>3,765,203</td>
</tr>
<tr>
<td>51 - Organic Chemicals</td>
<td>335,134</td>
<td>337,717</td>
<td>392,292</td>
<td>467,525</td>
<td>488,055</td>
<td>564,791</td>
<td>772,055</td>
<td>1,071,140</td>
</tr>
<tr>
<td>52 - Inorganic Chemicals</td>
<td>301,852</td>
<td>317,070</td>
<td>345,819</td>
<td>331,954</td>
<td>422,919</td>
<td>514,318</td>
<td>514,442</td>
<td>615,067</td>
</tr>
<tr>
<td>54 - Medicinal and Pharmaceutical Products</td>
<td>236,543</td>
<td>319,998</td>
<td>391,748</td>
<td>393,817</td>
<td>322,606</td>
<td>340,643</td>
<td>443,520</td>
<td>529,102</td>
</tr>
<tr>
<td>59 - Chemical Materials</td>
<td>157,476</td>
<td>187,496</td>
<td>212,214</td>
<td>234,343</td>
<td>258,789</td>
<td>310,110</td>
<td>457,154</td>
<td>465,482</td>
</tr>
<tr>
<td>55 - Essential Oils</td>
<td>55,790</td>
<td>78,730</td>
<td>102,414</td>
<td>132,402</td>
<td>186,957</td>
<td>242,250</td>
<td>280,749</td>
<td>349,746</td>
</tr>
<tr>
<td>58 - Plastics in Nonprimary Form</td>
<td>57,323</td>
<td>60,349</td>
<td>81,031</td>
<td>100,292</td>
<td>113,392</td>
<td>157,536</td>
<td>193,650</td>
<td>264,807</td>
</tr>
<tr>
<td>57 - Plastics in Primary Form</td>
<td>27,455</td>
<td>31,661</td>
<td>33,904</td>
<td>37,506</td>
<td>122,516</td>
<td>157,855</td>
<td>157,987</td>
<td>235,335</td>
</tr>
<tr>
<td>53 - Dyeing, Tanning and Coloring Materials</td>
<td>89,555</td>
<td>107,524</td>
<td>114,160</td>
<td>106,810</td>
<td>117,165</td>
<td>131,254</td>
<td>149,190</td>
<td>184,698</td>
</tr>
<tr>
<td>56 - Fertilizers</td>
<td>537</td>
<td>661</td>
<td>649</td>
<td>4,809</td>
<td>22,282</td>
<td>3,679</td>
<td>56,755</td>
<td>49,825</td>
</tr>
</tbody>
</table>

#### SITC 5 - Chemicals and Related Products - Imports from China

<table>
<thead>
<tr>
<th>Product</th>
<th>Value ($)</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>51 - Organic Chemicals</td>
<td>1,071,140,190</td>
<td>28.4%</td>
</tr>
<tr>
<td>52 - Inorganic Chemicals</td>
<td>615,067,326</td>
<td>16.3%</td>
</tr>
<tr>
<td>54 - Medicinal/Pharmaceutical</td>
<td>529,102,079</td>
<td>14.1%</td>
</tr>
<tr>
<td>59 - Chemical Materials</td>
<td>465,492,193</td>
<td>12.4%</td>
</tr>
<tr>
<td>All Others</td>
<td>1,084,410,825</td>
<td>28.8%</td>
</tr>
</tbody>
</table>

**Grand Total:** 3,765,208,631 100%
Data Relationships Topic Quiz Question 2:
You are analyzing import and export information between the United States and China for chemical products.
Click on Charts to view the graphics. These two charts show imports from and exports to China.
Use the information in the graphics to answer the question.

Considering the top five chemical products shown in the 2004 Exports to China graph and table, for which product did exports to China most exceed imports from China?

ANSWERS:
A. Organic Chemicals
B. Plastics in Primary Form (correct answer)
C. Chemical Materials
D. Plastics in Nonprimary Form

Data Relationships Topic Quiz Question 3:
You are analyzing import and export information between the United States and China for chemical products.
Click on Charts to view the graphics. These two graphics show imports from and exports to China.
Use the information in the graphics to answer this question.

Based on the information in the graphics, which of the following statements is true?

ANSWERS:
A. Imports of organic chemicals from China exceeded exports of organic chemicals to China from the United States in 2004.
B. The United States exports more SITC 54 products to China than it imports.
C. Exports of SITC 59 products to China is greater than imports of the same products. (correct answer)
D. The United States sells more essential oils to China than it imports.

Graphic for Data Relationships Topic Quiz Questions 4-5:
### Table 3. Natural Gas Consumption in the United States, 2000-2005
(Billion Cubic Feet)

<table>
<thead>
<tr>
<th>Year and Month</th>
<th>Lease and Plant Fuel(a)</th>
<th>Pipeline and Distribution Use(a)</th>
<th>Delivered to Consumers</th>
<th>Total Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Residential</td>
<td>Commercial</td>
<td>Industrial</td>
</tr>
<tr>
<td>2000 Total</td>
<td>1,151</td>
<td>642</td>
<td>4,956</td>
<td>3,182</td>
</tr>
<tr>
<td>2001 Total</td>
<td>1,119</td>
<td>625</td>
<td>4,771</td>
<td>3,023</td>
</tr>
<tr>
<td>2002 Total</td>
<td>1,113</td>
<td>667</td>
<td>4,889</td>
<td>3,146</td>
</tr>
<tr>
<td>2003 January</td>
<td>96</td>
<td>52</td>
<td>946</td>
<td>522</td>
</tr>
<tr>
<td>February</td>
<td>87</td>
<td>76</td>
<td>894</td>
<td>487</td>
</tr>
<tr>
<td>March</td>
<td>98</td>
<td>66</td>
<td>675</td>
<td>391</td>
</tr>
<tr>
<td>April</td>
<td>93</td>
<td>52</td>
<td>414</td>
<td>263</td>
</tr>
<tr>
<td>May</td>
<td>94</td>
<td>45</td>
<td>245</td>
<td>181</td>
</tr>
<tr>
<td>June</td>
<td>92</td>
<td>40</td>
<td>157</td>
<td>138</td>
</tr>
<tr>
<td>July</td>
<td>93</td>
<td>47</td>
<td>126</td>
<td>132</td>
</tr>
<tr>
<td>August</td>
<td>95</td>
<td>40</td>
<td>116</td>
<td>131</td>
</tr>
<tr>
<td>September</td>
<td>92</td>
<td>42</td>
<td>129</td>
<td>137</td>
</tr>
<tr>
<td>October</td>
<td>98</td>
<td>46</td>
<td>232</td>
<td>181</td>
</tr>
<tr>
<td>November</td>
<td>92</td>
<td>52</td>
<td>414</td>
<td>260</td>
</tr>
<tr>
<td>December</td>
<td>95</td>
<td>65</td>
<td>739</td>
<td>394</td>
</tr>
<tr>
<td>Total</td>
<td>1,123</td>
<td>665</td>
<td>5,078</td>
<td>3,217</td>
</tr>
<tr>
<td>2004 January</td>
<td>197</td>
<td>80</td>
<td>967</td>
<td>485</td>
</tr>
<tr>
<td>February</td>
<td>199</td>
<td>75</td>
<td>501</td>
<td>458</td>
</tr>
<tr>
<td>March</td>
<td>196</td>
<td>63</td>
<td>505</td>
<td>342</td>
</tr>
<tr>
<td>April</td>
<td>192</td>
<td>52</td>
<td>361</td>
<td>241</td>
</tr>
<tr>
<td>May</td>
<td>195</td>
<td>47</td>
<td>214</td>
<td>164</td>
</tr>
<tr>
<td>June</td>
<td>192</td>
<td>44</td>
<td>145</td>
<td>132</td>
</tr>
<tr>
<td>July</td>
<td>195</td>
<td>47</td>
<td>126</td>
<td>122</td>
</tr>
<tr>
<td>August</td>
<td>195</td>
<td>47</td>
<td>119</td>
<td>122</td>
</tr>
<tr>
<td>September</td>
<td>193</td>
<td>44</td>
<td>123</td>
<td>124</td>
</tr>
<tr>
<td>October</td>
<td>192</td>
<td>46</td>
<td>217</td>
<td>168</td>
</tr>
<tr>
<td>November</td>
<td>190</td>
<td>53</td>
<td>407</td>
<td>245</td>
</tr>
<tr>
<td>December</td>
<td>194</td>
<td>69</td>
<td>724</td>
<td>398</td>
</tr>
<tr>
<td>Total</td>
<td>*1,116</td>
<td>*667</td>
<td>*4,879</td>
<td>*2,990</td>
</tr>
<tr>
<td>2005 YTD</td>
<td>*550</td>
<td>*353</td>
<td>*3,103</td>
<td>*1,826</td>
</tr>
<tr>
<td>2004 YTD</td>
<td>*561</td>
<td>*369</td>
<td>*3,162</td>
<td>*1,852</td>
</tr>
<tr>
<td>2003 YTD</td>
<td>*569</td>
<td>*369</td>
<td>*3,225</td>
<td>*1,892</td>
</tr>
</tbody>
</table>

\(a\) Plant fuel data and lease fuel data are reflected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

\(b\) Pipeline and distribution use is collected only on an annual basis. Monthly pipeline and distribution use data are estimated from monthly total consumption (excluding pipeline and distribution use) by assuming that the preceding annual percentage remains constant for the next twelve months.

\(c\) Year-to-date volume represents months for which volume information is available in the current year.

\(d\) Revised estimated data.

Notes: Data for 2000 through 2003 are from. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Explanatory Note 7 for definition of sources.

906. See Appendix A, Explanatory Note 7, for computation procedures and validation policy.

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Data Relationships Topic Quiz Question 4:
Click on Table/Graph to display the graphics.
This graph and table summarize information on natural gas consumption and prices in the United States.
Use these graphics to answer the question.
Which of the following statements is true?

ANSWERS:
A. The Industrial sector uses more gas than other consumers, but pays less for it than most other consumers. (correct answer)
B. The Electric Power sector consumes about the same amount of gas as Residential users, but pays more for it.
C. The Residential sector pays more for natural gas and consumes more than the Electric Power sector.
D. The Commercial sector uses less natural gas than the Residential sector, but pays more for it.
Data Relationships Topic Quiz Question 5:
Click Table/Graph to view the graphics.
This graph and table summarize information on natural gas consumption and price in the United States.
Use these graphics to answer the question.
Which gas consumer used between 4200 and 6500 billion cubic feet of gas in both 2003 and 2004 and also paid less per thousand cubic meters in the same period?

ANSWERS:
A. Industrial
B. Electric Power (correct answer)
C. Residential
D. Commercial