

Student Name:

Angles, Lines, and Polygons Assignment

Directions: On a separate sheet of paper, create a drawing that includes **at least one of each** of the following. Be creative in your drawing making the scene work together to create one cohesive picture. Label each structure on your drawing.

- Point
- Line
- Segment
- Ray
- Plane
- Acute angle
- Obtuse angle
- Straight angle
- Complementary angles
- Supplementary angles
- Adjacent angles
- Non-adjacent angles
- Alternate interior angles
- Alternate exterior angles
- Consecutive interior angles
- Consecutive exterior angles
- A regular polygon
- An irregular polygon
- Equilateral triangle
- Isosceles triangle
- Scalene triangle
- Acute triangle
- Obtuse triangle
- Right triangle
- Equiangular triangle
- Square
- Rectangle
- Trapezoid
- Kite
- Parallelogram
- Rhombus

You will be graded using the following rubric.

Category	Superior (4)	Excellent (3)	Satisfactory (2)	Needs work (1)
Drawing Details	All assigned details have been added. The details are clear and easy to identify.	Almost all assigned details (at least 85%) have been added. The details are clear and easy to identify.	Almost all assigned details (at least 85%) have been added. A few details are difficult to identify.	Fewer than 85% of the assigned details are present OR most details are difficult to identify.
Labels	Every item that needs to be identified has a label. It is clear which label goes with which structure.	Almost all items (90%) that need to be identified have labels. It is clear which label goes with which structure.	Most items (75-89%) that need to be identified have labels. It is clear which label goes with which structure.	Less than 75% of the items that need to be identified have labels OR it is not clear which label goes with item.
Accuracy	95% or more of the assigned structures are drawn accurately and are recognizable. All assigned structures are labeled accurately.	94-85% of the assigned structures are drawn accurately and are recognizable. All assigned structures are labeled accurately.	94-85% of the assigned structures are drawn accurately and are recognizable. 94-85% of the assigned structures are labeled accurately.	Less than 85% of the assigned structures are drawn AND/OR labeled accurately.

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Creativity	Student embraced the format for the final product and presented work in creative, thoughtful, engaging, and innovative ways that were original and student driven.	Work meets all the required elements of the final product. Student work is thoughtful and shows appropriate effort.	Work shows some creative effort from the student.	Work does not meet creative criteria for the final product.
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