



# Problem of the Day

Which of the following is equivalent to 90%?

**A.** 0.09

**B.** 0.9

**C.**  $\frac{10}{9}$

**D.**  $10 \div 9$



## Problem of the Day

Which best describes the pattern in the table?

Distance bicycled (km)	Distance remaining (km)
3	9
5	7
8	4
10	2

- A.** The distance bicycled decreases by 2 km in every row.
- B.** The distance remaining increases by 2 km in every row.
- C.** The distance remaining increases at the same rate as the distance bicycled increases.
- D.** The distance remaining decreases at the same rate as the distance bicycled increases.



## Problem of the Day

Complete the table shown so that the ratio of miles to gallons is constant.

Gasoline (gal)	1	2		16
Distance (mi)			150	400



## Problem of the Day

A hiking trail at a state park is 8.4 miles long. A park ranger wants to place signs at the beginning and end of the trail and along the trail so that the signs are 1.4 miles apart. How many signs will the ranger need?



# Problem of the Day

Solve the equation  $4x + 3 = 11$ . How can you check your solution?



## Problem of the Day

**Draw a rectangle. Then draw a second quadrilateral that has one pair of parallel sides with lengths that each match a side of the original rectangle, but with all 4 angle measures the same as the original rectangle. Encourage students to verify their measurements with a ruler and protractor.**