

8-2 Homework

Name _____

Date _____

Complete.

1 36 in. = _____ ft

2 12 ft = _____ yd

3 36 in. = _____ yd

4 _____ in. = 4 ft

5 _____ ft = 2 yd

6 _____ in. = 3 yd

7 _____ ft = 90 in.

8 _____ in. = $5\frac{1}{2}$ ft

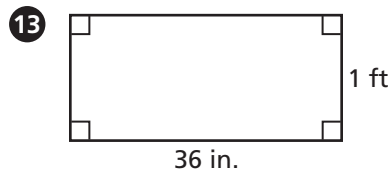
9 6 yd = _____ in.

10 _____ yd = 432 in.

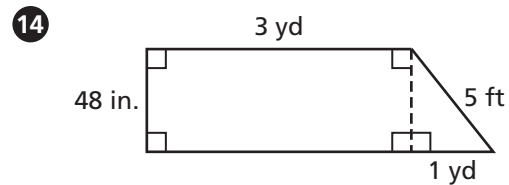
11 $1\frac{1}{4}$ yd = _____ ft

12 90 ft = _____ yd

Find the perimeter of each figure in feet.

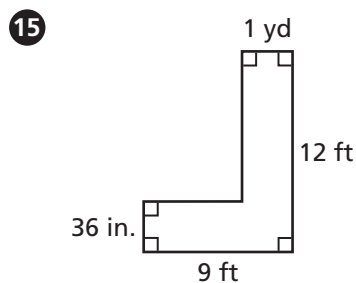


$P =$ _____

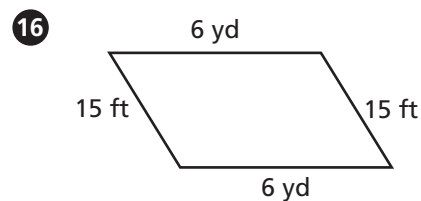


$P =$ _____

Find the perimeter of each figure in yards.



$P =$ _____



$P =$ _____

Write an expression for the words.

- 1 Multiply 12 by the sum of 8 and t . _____
- 2 Divide 10 by 4 and then subtract 6.2. _____
- 3 Add the product of 7 and 10 to 80. _____
- 4 Subtract $\frac{1}{8}$ from $\frac{5}{6}$. _____

Simplify. Follow the Order of Operations.

- 5 $12 - 7 + 9 - 2$
- 6 $15 \div 0.3 + 6 \div 0.02$
- 7 $(2\frac{3}{8} - \frac{1}{4}) \times \frac{1}{5}$
- 8 $\frac{1}{6} \cdot \frac{1}{6} \div \frac{1}{6}$
- 9 $(7.2 - 3.3) \cdot (0.5 + 0.5)$
- 10 $36 \div (6.6 + 2.4) \cdot 4$

Complete the equation.

- 11 $14 \text{ m} = \text{_____ mm}$
- 12 $0.35 \text{ mm} = \text{_____ cm}$
- 13 $790 \text{ cm} = \text{_____ m}$
- 14 $0.88 \text{ cm} = \text{_____ mm}$
- 15 $782 \text{ km} = 782,000 \text{ _____}$
- 16 $58 \text{ cm} = \text{_____ m}$

- 17 **Stretch Your Thinking** Draw a figure composed of three different rectangles that has a perimeter of 140 yards. Use measurements in yards and feet to label the sides of your figure.
