

Area 2.2
Geometry

1) What is perimeter?

2) What is area?

3) What is volume?

Given a figure and its dimensions, calculate its area.

4) Rectangle

$$b = 12 \text{ in}$$

$$h = 19 \text{ in}$$

$$A =$$

5) Parallelogram

$$b = 38 \text{ m}$$

$$h = 26 \text{ m}$$

$$A =$$

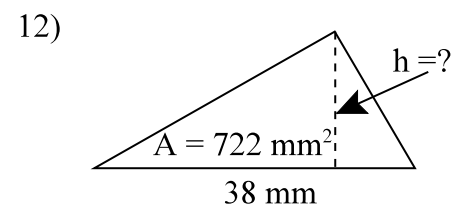
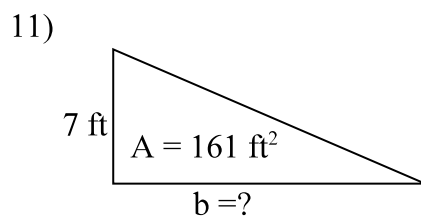
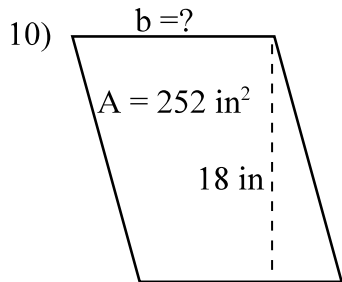
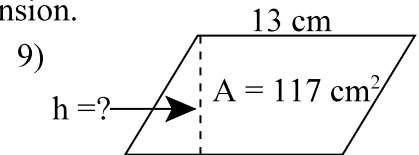
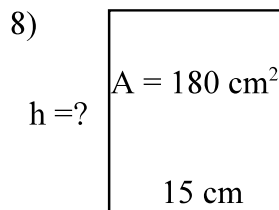
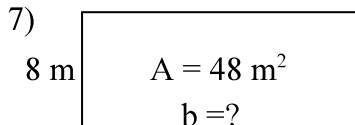
6) Triangle

$$b = 11 \text{ cm}$$

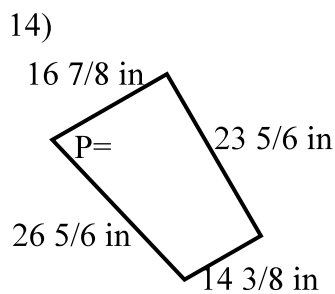
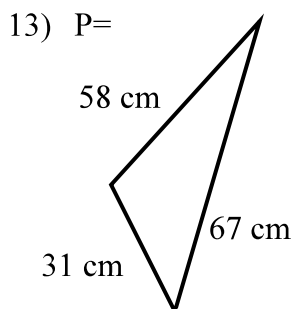
$$h = 28 \text{ cm}$$

$$A =$$

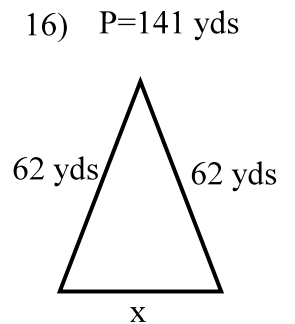
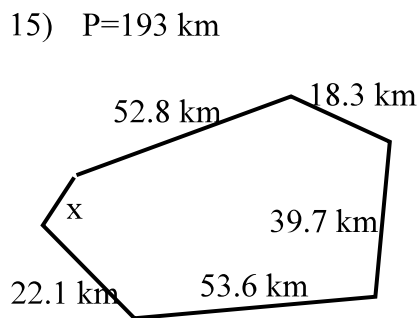
Given the area of a figure and its base or height, calculate the other dimension.



Give the perimeter of the following polygons.



Find the length of the missing side.



17) A roll of wallpaper covers 84 ft^2 . How many rolls are needed to cover a room of 756 ft^2 ? What will the wallpaper for the job cost at $\$7.00/\text{roll}$?

18) A bag of grass seed covers $1,500 \text{ ft}^2$. How many bags will be needed to cover a yard of $19,500 \text{ ft}^2$? What will the seed cost at $\$2.50/\text{bag}$?