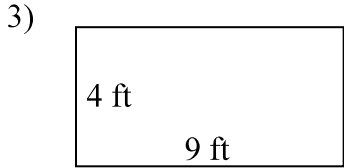


Area 1.1
Geometry (KEY)

1) What is perimeter? Distance around an object.

2) What question do we answer when calculating the area of an object? How many squares to cover the object?

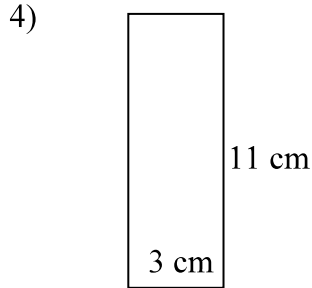
Find the area of each rectangle.



$$A = b \cdot h$$

$$A = (4 \text{ ft})(9 \text{ ft})$$

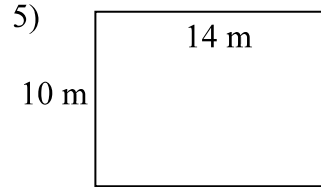
$$A = 36 \text{ ft}^2$$



$$A = b \cdot h$$

$$A = (3 \text{ cm})(11 \text{ cm})$$

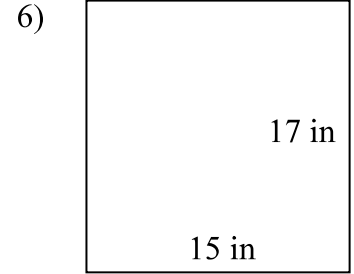
$$A = 33 \text{ cm}^2$$



$$A = b \cdot h$$

$$A = (14 \text{ m})(10 \text{ m})$$

$$A = 140 \text{ m}^2$$

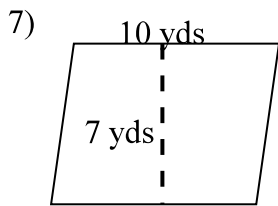


$$A = b \cdot h$$

$$A = (15 \text{ in})(17 \text{ in})$$

$$A = 255 \text{ in}^2$$

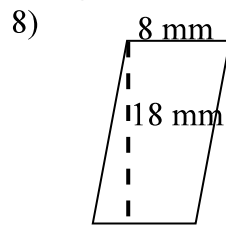
Find the area of each parallelogram.



$$A = b \cdot h$$

$$A = (10 \text{ yds})(7 \text{ yds})$$

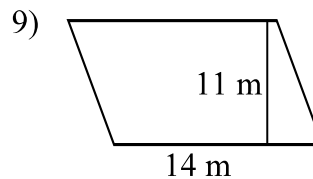
$$A = 70 \text{ yds}^2$$



$$A = b \cdot h$$

$$A = (8 \text{ mm})(18 \text{ mm})$$

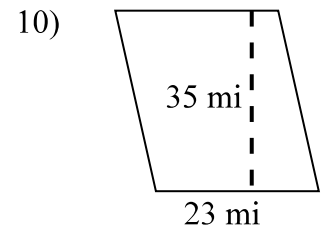
$$A = 144 \text{ mm}^2$$



$$A = b \cdot h$$

$$A = (14 \text{ m})(11 \text{ m})$$

$$A = 154 \text{ m}^2$$



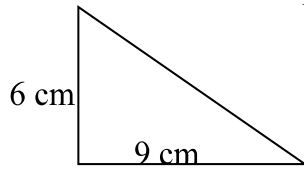
$$A = b \cdot h$$

$$A = (23 \text{ mi})(35 \text{ mi})$$

$$A = 805 \text{ mi}^2$$

Find the area of each triangle.

11)

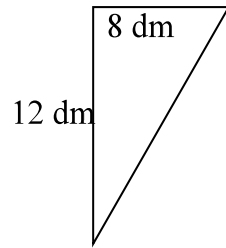


$$A = (b \cdot h) \div 2$$

$$A = (9 \text{ cm} \cdot 6 \text{ cm}) \div 2$$

$$A = 27 \text{ cm}^2$$

12)

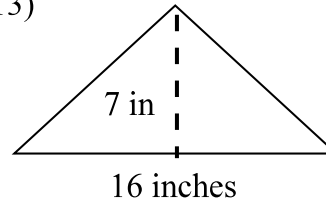


$$A = (b \cdot h) \div 2$$

$$A = (8 \text{ dm} \cdot 12 \text{ dm}) \div 2$$

$$A = 48 \text{ dm}^2$$

13)

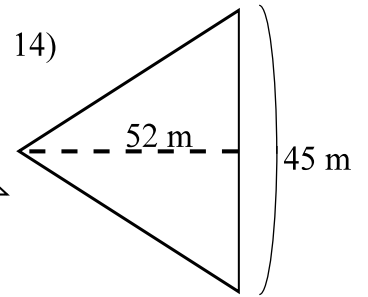


$$A = (b \cdot h) \div 2$$

$$A = (16 \text{ in} \cdot 7 \text{ in}) \div 2$$

$$A = 56 \text{ in}^2$$

14)



$$A = (b \cdot h) \div 2$$

$$A = (45 \text{ m} \cdot 52 \text{ m}) \div 2$$

$$A = 1170 \text{ m}^2$$