

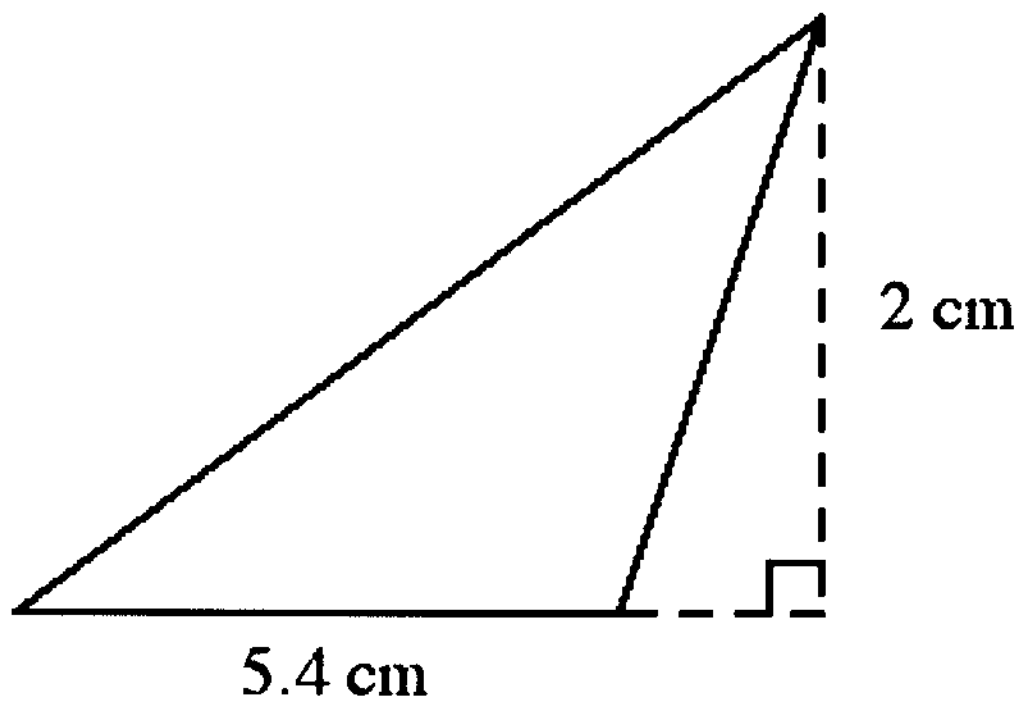
Around the World Activity

Around the room there are eight area problems. You will be solving all of the problems. Each problem has an answer on it that leads to the next problem. If you have answered each problem correctly, you should have all eight problems done. You can start with any problem.

Around the World Activity

Find the area.

#1

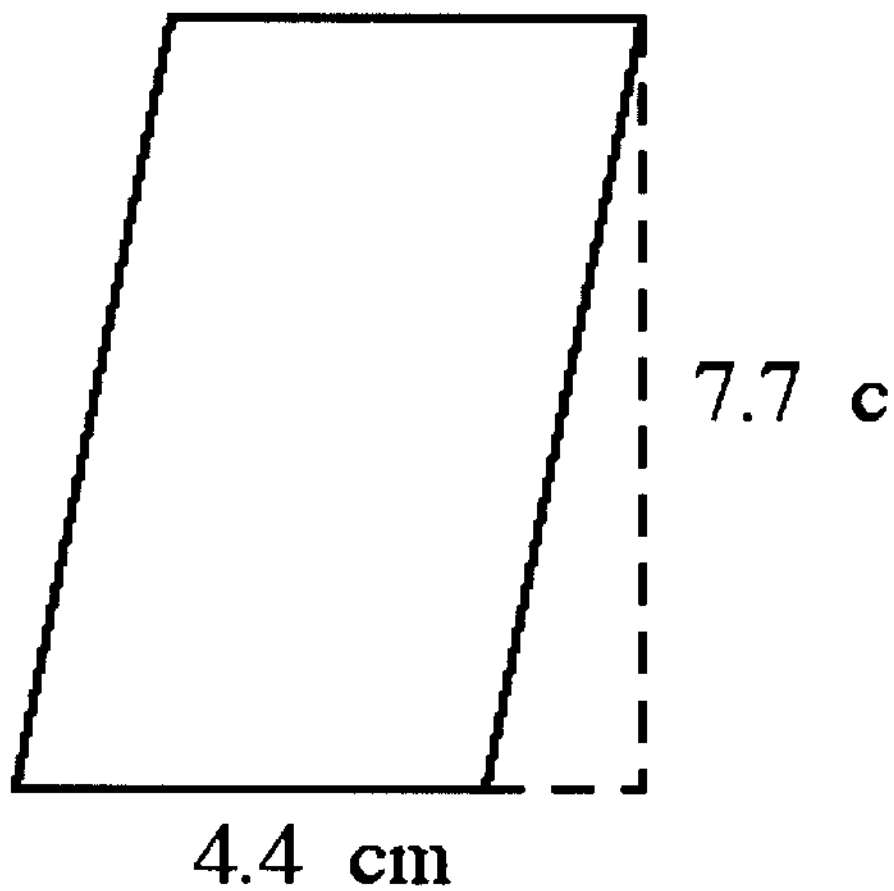


$$10.2\text{ ft}^2$$

Around the World Activity

Find the area.

#2

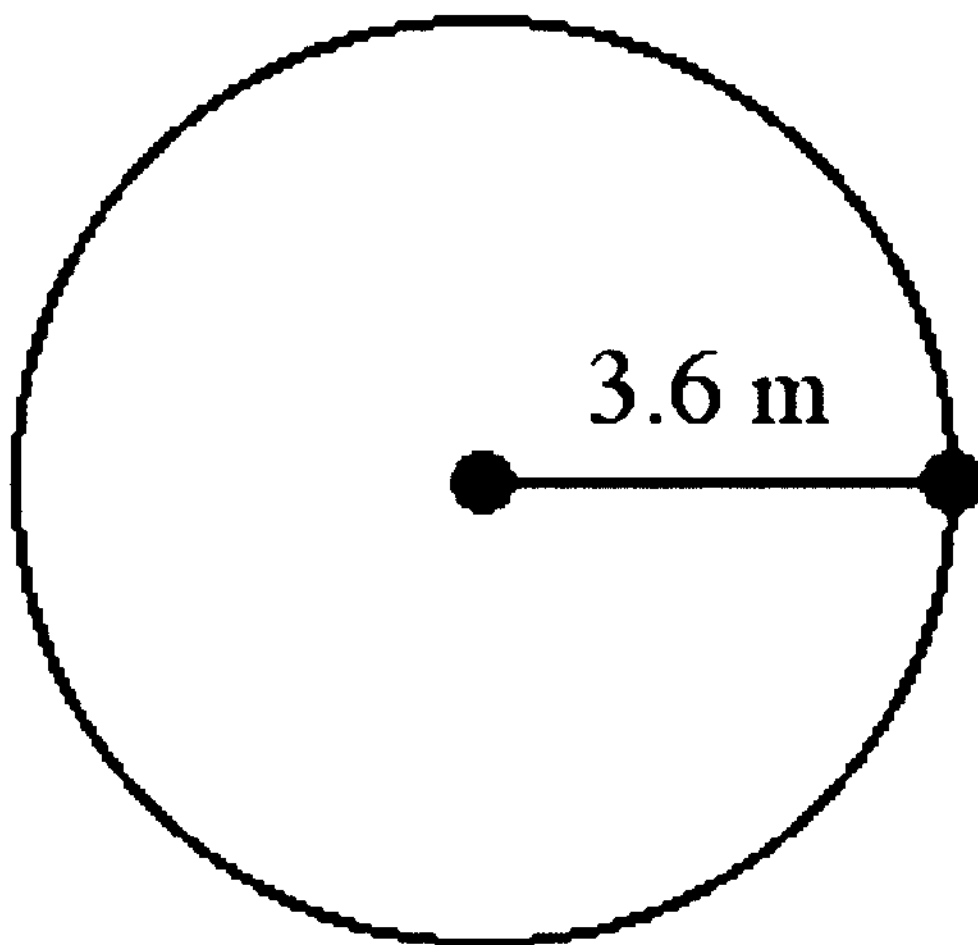


$$150 \text{ ft}^2$$

Around the World Activity

Find the area.

#3

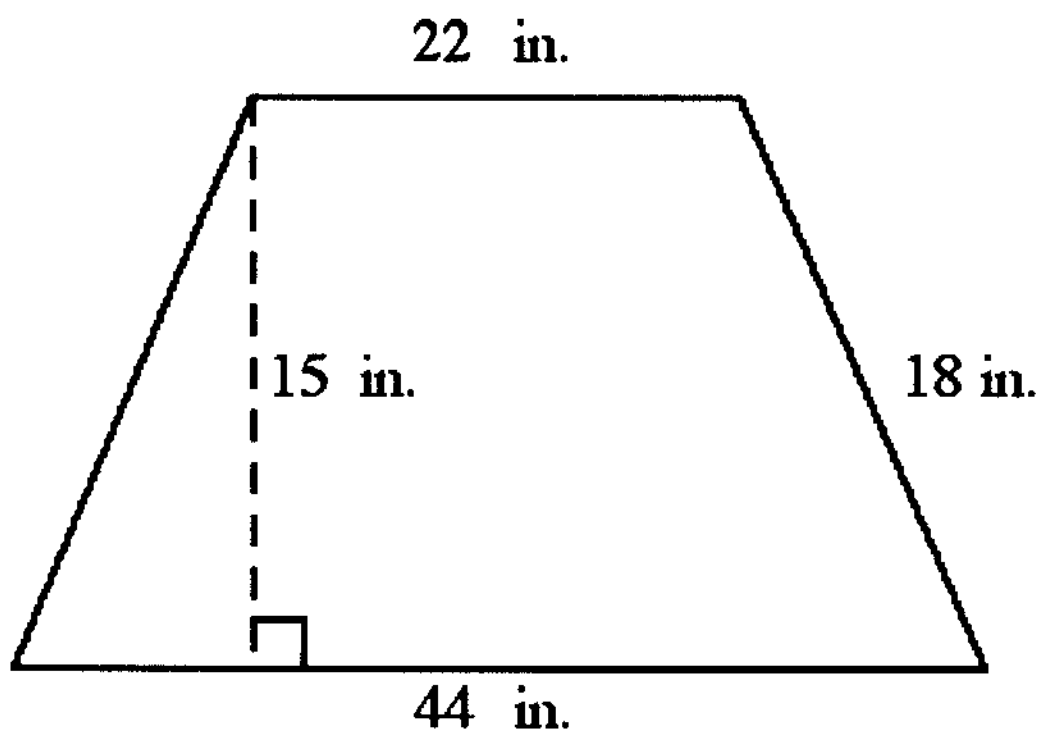


44.8 ft²

Around the World Activity

Find the area.

#4

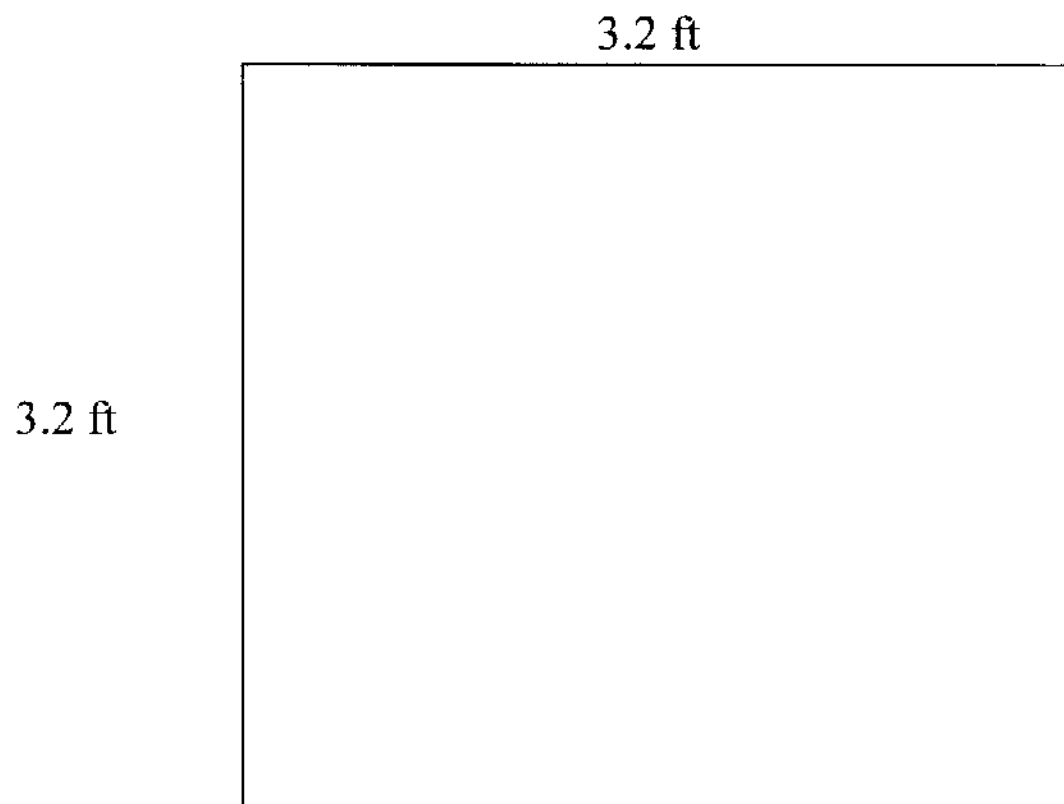


$$5.4 \text{ cm}^2$$

Around the World Activity

Find the area.

#5

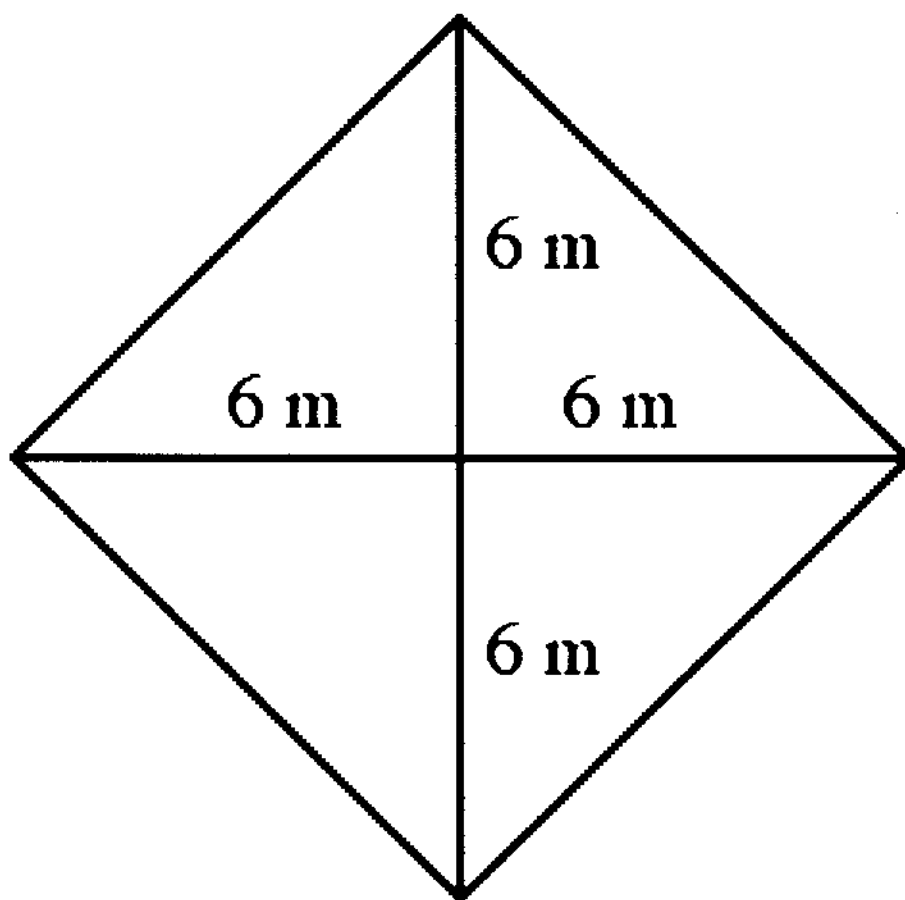


$$33.9\text{ cm}^2$$

Around the World Activity

Find the area.

#6



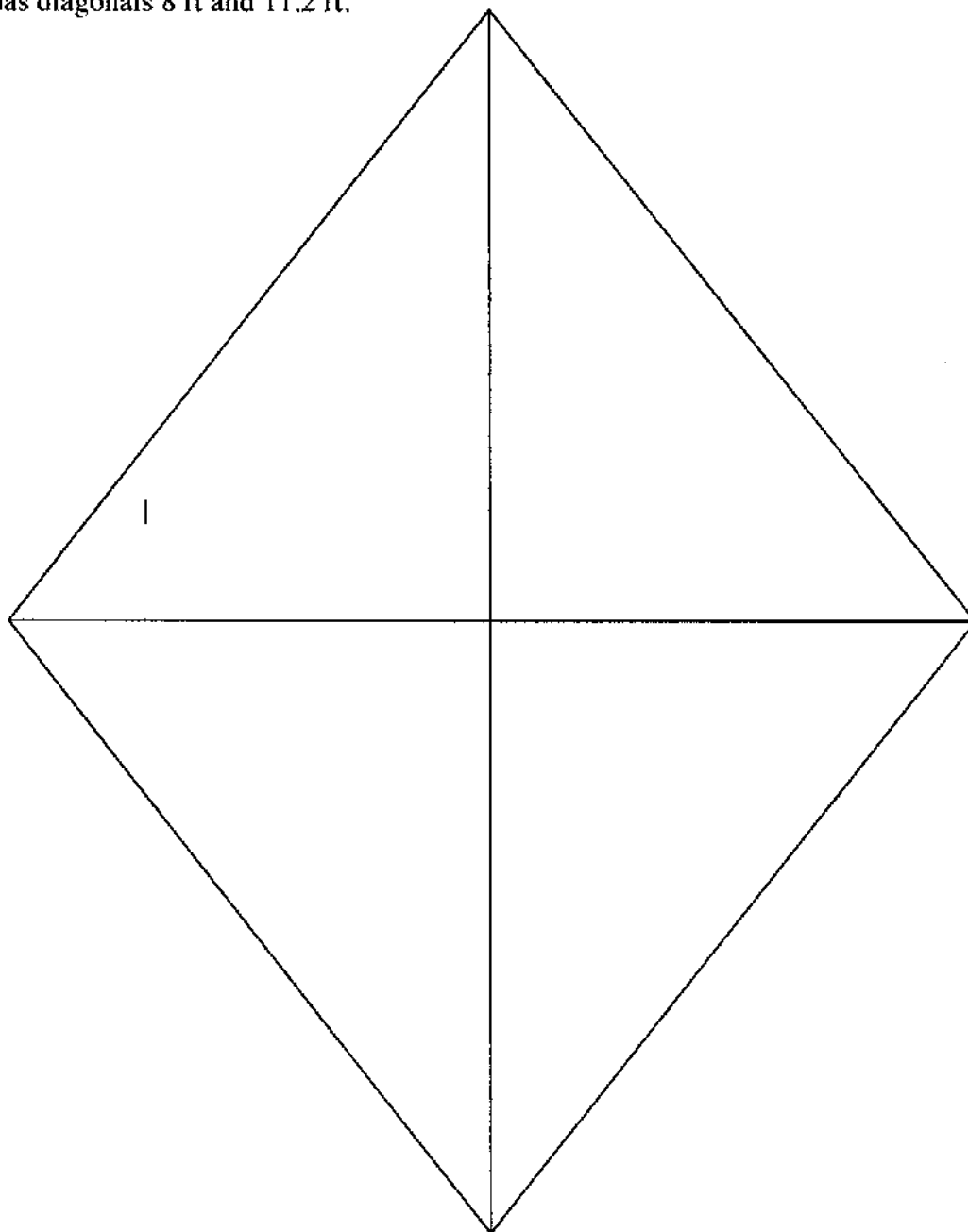
$$40.7 \text{ m}^2$$

Around the World Activity

Find the area.

#7

A kite has diagonals 8 ft and 11.2 ft.

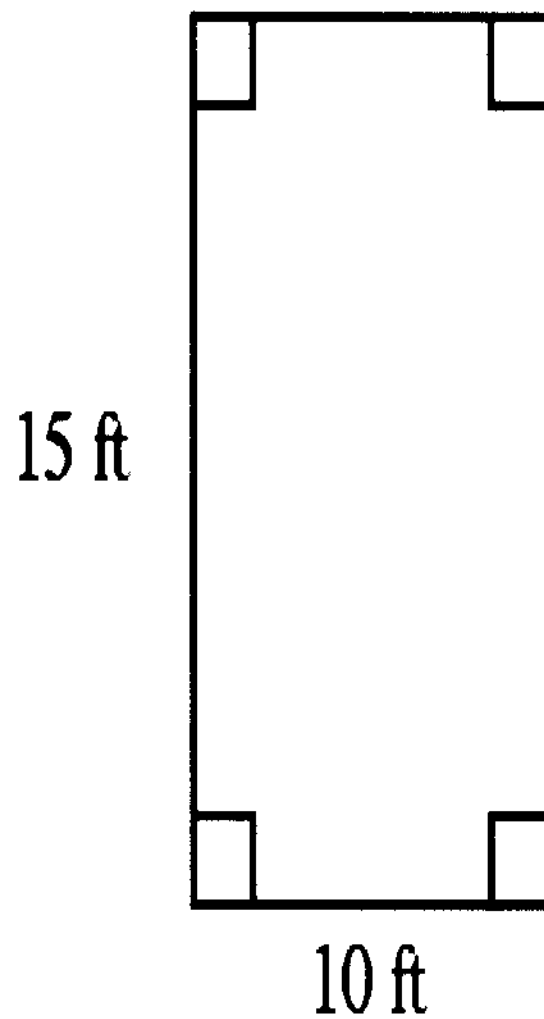


$$495 \text{ in}^2$$

Around the World Activity

Find the area.

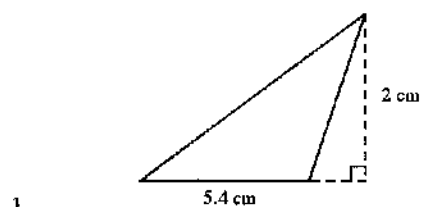
#8



Drawing not to scale

$$18 \text{ m}^2$$

Around the World Activity Key



$$A = \frac{1}{2}bh$$

$$A = \frac{1}{2}(5.4)(2)$$

$$A = 5.4cm^2$$



$$A = bh$$

$$A = (4.4)(7.7)$$

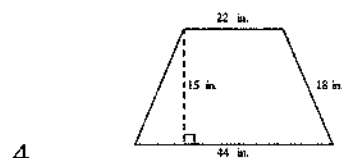
$$A = 33.9cm^2$$



$$A = \pi r^2$$

$$A = \pi(3.6)^2$$

$$A = 40.7m^2$$



$$A = \frac{1}{2}h(b_1 + b_2)$$

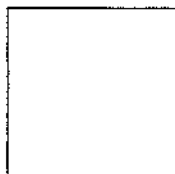
$$A = \frac{1}{2}(15)(22 + 44)$$

$$A = \frac{1}{2}(15)(66)$$

$$A = 495in^2$$

5.

3.2 ft

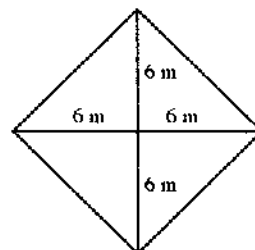


$$A = s^2$$

$$A = 3.2^2$$

$$A = 10.2 \text{ ft}^2$$

6.

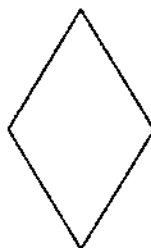


$$A = \frac{1}{2} d_1 d_2$$

$$A = \frac{1}{2} (6)(6)$$

$$A = 18 \text{ m}^2$$

7.

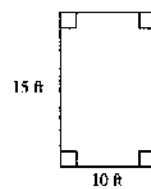


$$A = \frac{1}{2} d_1 d_2$$

$$A = \frac{1}{2} (8)(11.2)$$

$$A = 44.8 \text{ ft}^2$$

8.



Drawing not to scale

$$A = lw$$

$$A = (15)(10)$$

$$A = 150 \text{ ft}^2$$