Name _____ Date _____

Find the area of the figure.

1.

4 in.

5 in.

8 in.

2.

1 in.

1 in.

5 in.

3 in.

3.

4.5 cm

9 cm   15 cm

4.5 cm

Find the area of the trapezoid.

4.

13 yd

15 yd

27 yd

5.

7 mm

8 mm

3 mm

6.

8 m

11 m

14 m
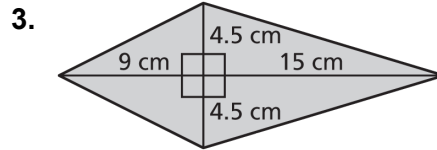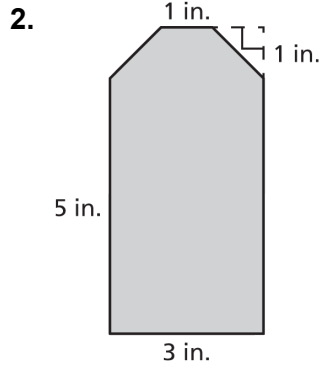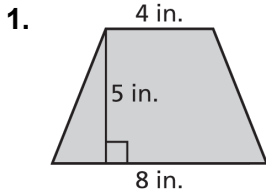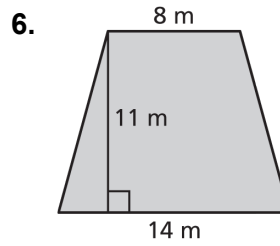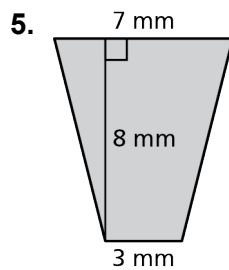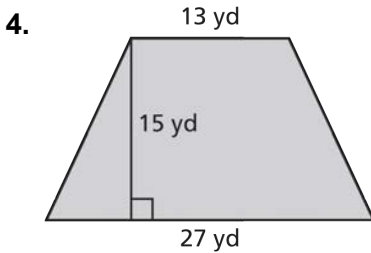
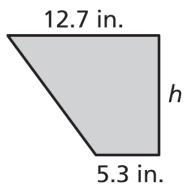7. Your friend finds the area of the trapezoid. Is your friend correct? Explain your reasoning.
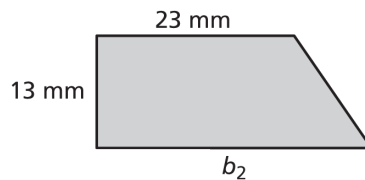
2 m

3 m

6 m
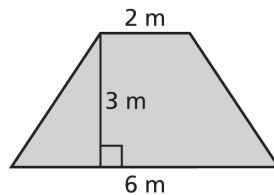
$$A = \frac{1}{2}(3)(2)(6) = 18 \text{ m}^2$$

Find the missing dimension of the trapezoid.

8. Area = 90 in.^{2}

12.7 in.

h

5.3 in.

9. Area = 357.5 mm^2

23 mm

13 mm

b_2

10. Area = 77 cm^2

b_1

7 cm

12 cm