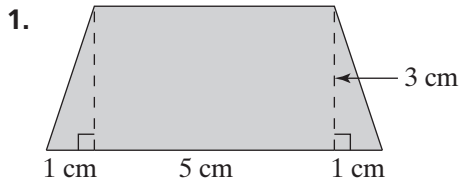# Practice 8-2

Areas of Polygons

Find the area of the shaded polygon.

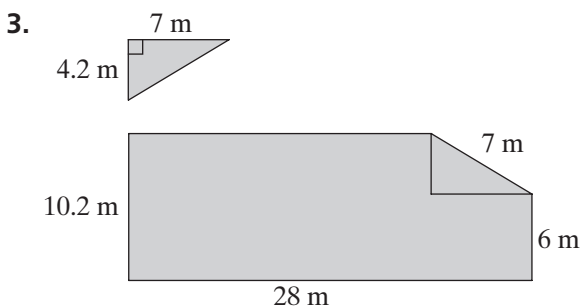**1.**

3 cm

1 cm   5 cm   1 cm

_____

2.

18 ft

12 ft

16 ft

10 ft

_____
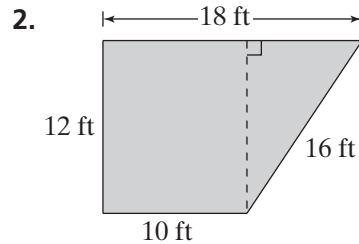
Find the total area of the shaded polygons.

3.

7 m

4.2 m

7 m

10.2 m

6 m

28 m

_____

4.

7 m

9 m

9 m

12 m

9 m

14 m

9 m

_____

Find the area of the shaded polygon.

5.

4 in.

3 in.

1.4 in.   1.4 in.

1.4 in.

_____

6.

5.2 mm   5.2 mm

2 mm   2 mm

3 mm

10 mm
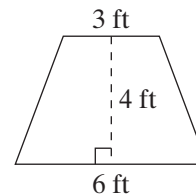
_____
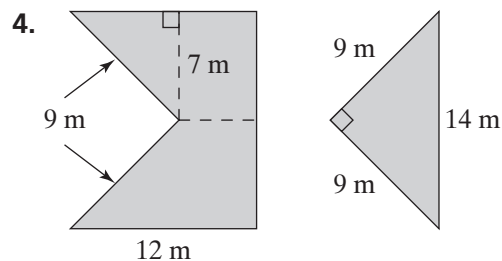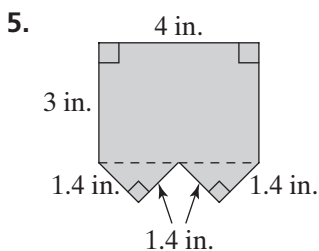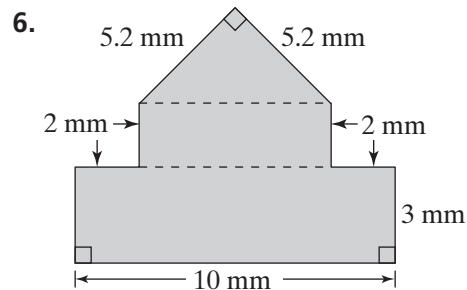
7. Martha is covering this trapezoid-shaped board with fabric. How many square feet of fabric does Martha need?

3 ft

4 ft

6 ft

_____

8. A garden in the shape of a regular hexagon has sides that are each 5 meters long. If the height of each of the congruent triangles within the hexagon is about 4.33 meters, what is the area of the garden?

_____