Name _____ Class _____ Date _____

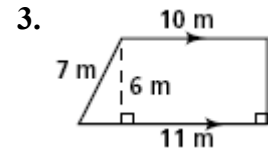**Find the area of each figure. Round your answers to the nearest tenth.**

1.

12 m

3.1 m

6.4 m

2.

7 ft 4 ft 10 ft

8 ft

3.

10 m

7 m 6 m

11 m

4.

12 in.

8 in.

5.

8 ft 10 ft

6.

12 m

18 m
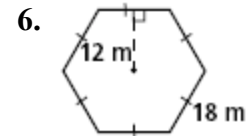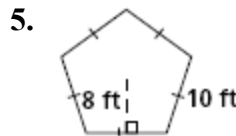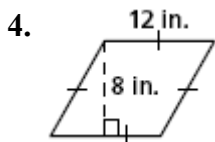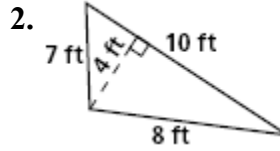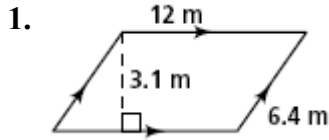
Find the area of each polygon. Round the areas to the nearest tenth.

1. regular octagon
   apothem = 6 ft

2. regular decagon
   radius = 10 m

3. regular pentagon
   apothem = 12 in.

Find the measure of *x* to the nearest tenth.
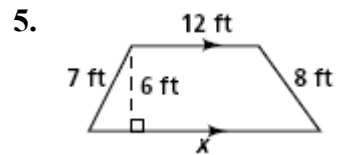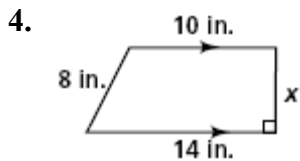
4.

10 in.

8 in.

x

14 in.

5.

12 ft

7 ft 6 ft 8 ft

x

Find the area of each triangle. Round your answers to the nearest tenth.

9.

63° 13 m

6.5 m

10.

9 mi

42°

10 mi

11.

18 km

10 km 38°