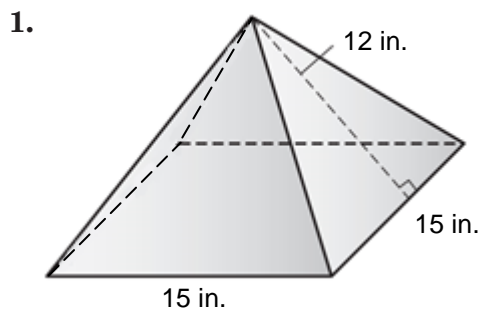# Lesson 7 Skills Practice
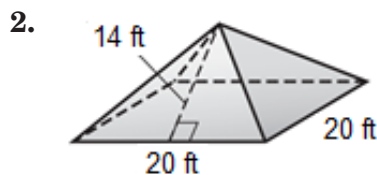
Surface Area of Pyramids
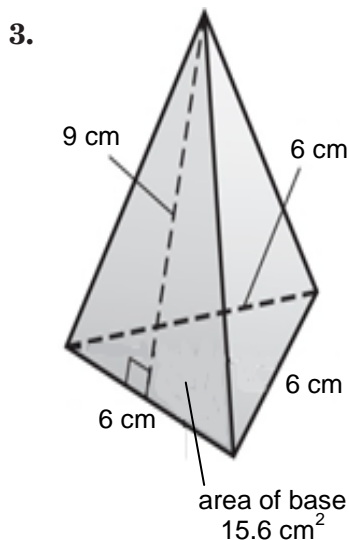
Find the total surface area of each pyramid. Round to the nearest tenth if necessary.

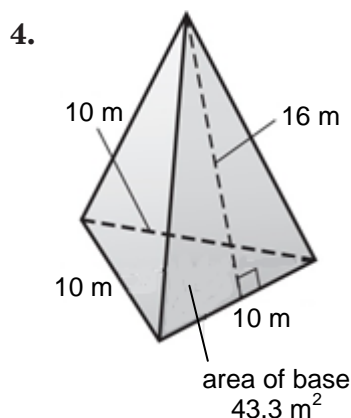**1.**

12 in.

15 in.

15 in.

=585 in squared

2.

14 ft

20 ft

20 ft

=960 ft squared

3.

9 cm

6 cm

6 cm

6 cm

area of base
15.6 cm^2

=36.5 cm squared

4.

10 m

16 m

10 m

10 m

area of base
43.3 m^2

283.5 m squared

5. The base of a square pyramid has a side length of 50 centimeters. The slant height is 32 centimeters. Find the surface area.

The surface area is 164 cm squared

6. An equilateral triangular pyramid has a slant height of 8.3 inches. The triangular base has a perimeter of 4.8 inches and an area of 1.1 square inches. Find the surface area of the pyramid.

=15.3 in squared