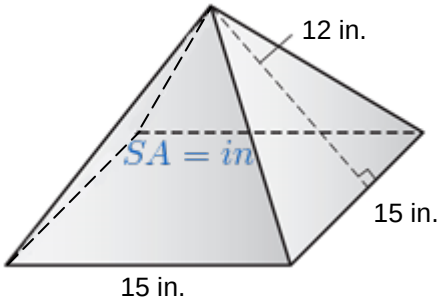
NAME _____ DATE _____ PERIOD _____

Lesson 7 Skills Practice

Surface Area of Pyramids

Find the total surface area of each pyramid. Round to the nearest tenth if necessary.

1.

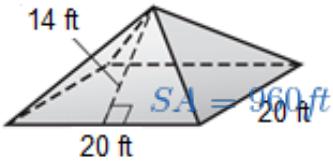


15 x 15 =225

15 x 12 x 2 =360

15 x 15 = 225

2.

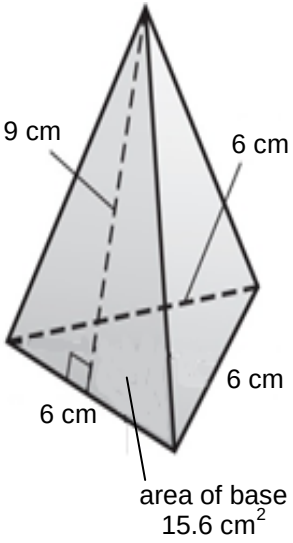


20 x 20 = 40

14 x 20 x 2 = 280

20 x 20 = 40

3.



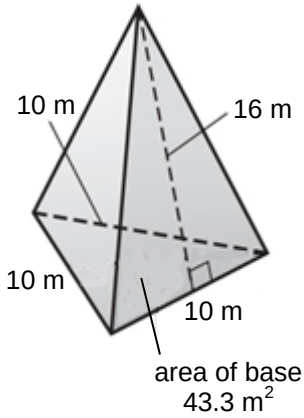
15.6

81.0

6 x 9 /2 x 3 = 81

SA =96.6cmsq

4.



43.3

240.0

SA:283.3 msq

10 x 16 / 2 x 3 = 240

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

50 x 50 =2500

50 x 32 x 2 =3200

SA:5700cm sq

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.

1.1

2.76 x 8.3 /2 x 3

SA:35.46