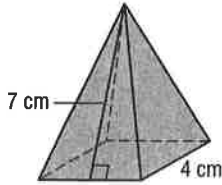


12-5 Skills Practice

Surface Area of Pyramids

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

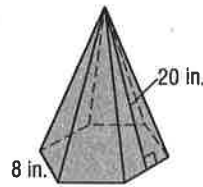
1.



$$L = \frac{1}{2}(16)(7)$$

$$S = L + B \\ = 56 + 16 = \boxed{72 \text{ cm}^2}$$

2.



$$L = \frac{1}{2}(48)(20)$$

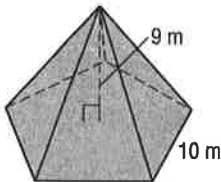
$$S = L + B$$

$$S = 480 + 144 = 624$$

$$B = \frac{1}{2}(48)(48)$$

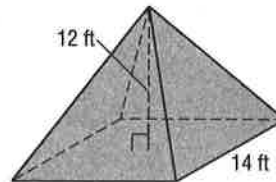
$$= \boxed{646.3 \text{ in}^2}$$

3.



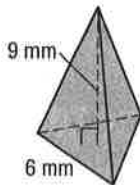
$$455.3 \text{ m}^2$$

4.



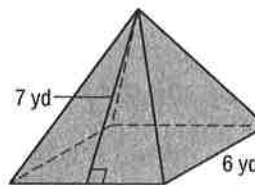
$$585.0 \text{ ft}^2$$

5.



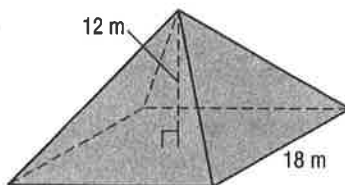
$$98.1 \text{ mm}^2$$

6.



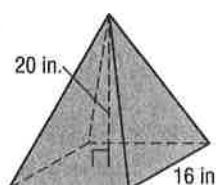
$$120 \text{ yd}^2$$

7.



$$864 \text{ m}^2$$

8.



$$945.3 \text{ in}^2$$