NAME _____ DATE _____ PERIOD _____

Lesson 6 Skills Practice

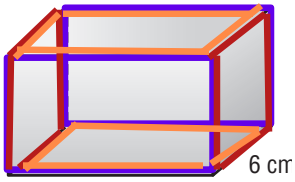
A l x w

Surface Area of Prisms

A $\frac{bh}{2}$

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

1.

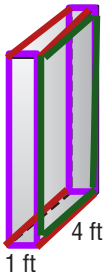


6x12x2

7x12x2

6x7x2

2.

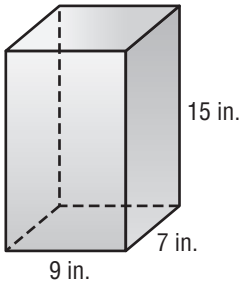


7x1x2

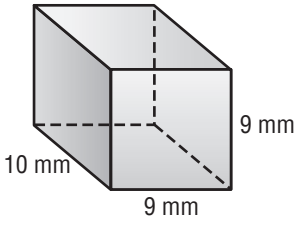
4x1x2

7x4x2

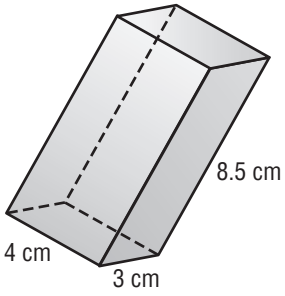
3.



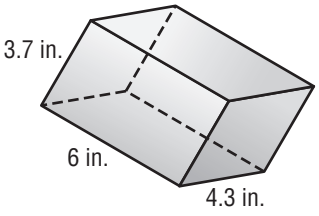
4.



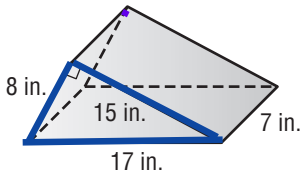
5.



6.



7.



7x8= 56

105

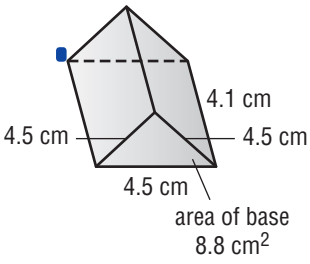
15x7

17x7

119

8x15/2 x 2=120

8.

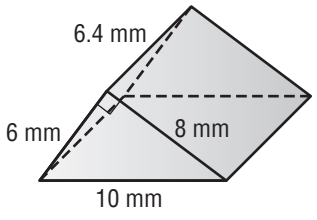


4.5x4.5

4.5x4.1x2

8.8x2

9.



6x8/2x2

6x6.4

6.4x8

10x6

10. Find the surface area of a rectangular prism that has a length of 8 inches, a width of 3 inches, and a height of 6 inches.

427 in³

11. Find the surface area of a triangular prism. The sides of the right triangular base measure 9 centimeters, 12 centimeters and 15 centimeters. The height of the prism is 20 centimeters.