Lesson 6 Skills Practice

Surface Area of Prisms

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

1.

7 cm
6 cm
12 cm

396 cm^2

2.

7 ft
4 ft
1 ft

78 ft^2

3.

15 in.
7 in.
9 in.

606 in^2

4.

9 mm
10 mm
9 mm

522 mm^2
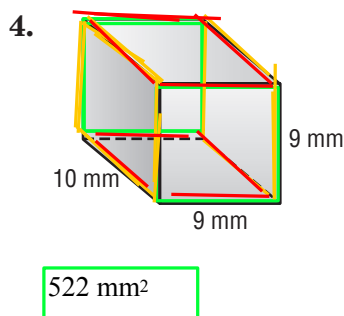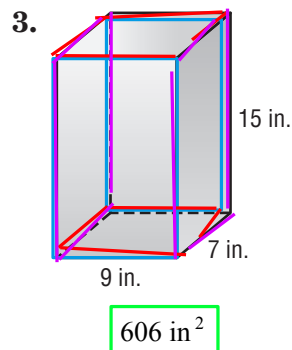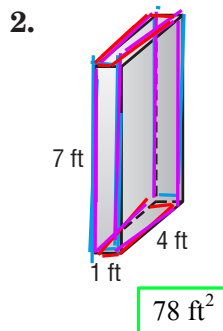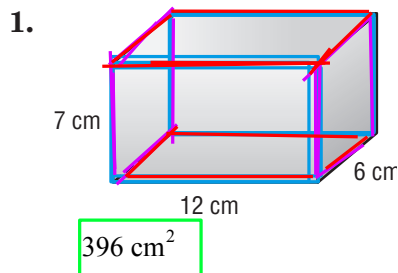
5.

8.5 cm
4 cm
3 cm

143 cm^2

6.

3.7 in.
6 in.
4.3 in.

127.8 in^2

7.

8 in.
15 in.
7 in.
17 in.

400 in^2

8.

4.1 cm
4.5 cm
4.5 cm
4.5 cm
area of base
8.8 cm²

73.0 cm^2

9.

6.4 mm
6 mm
8 mm
10 mm

201.6 mm^2
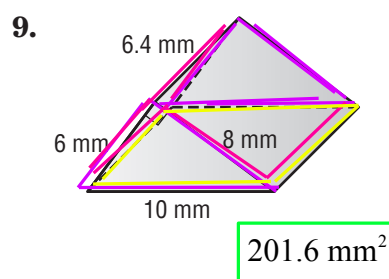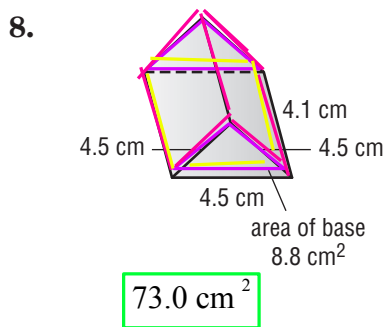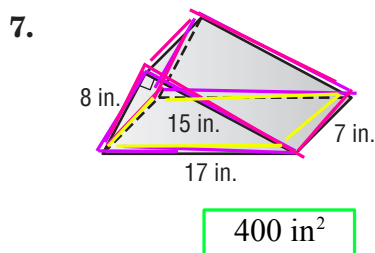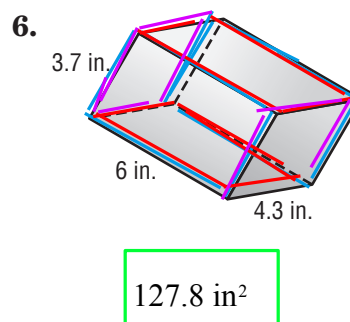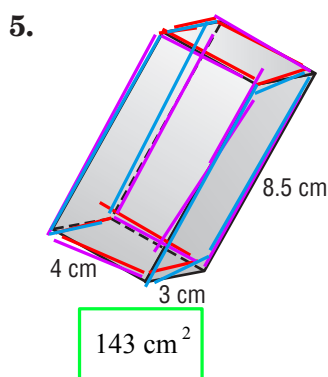
10. Find the surface area of a rectangular prism that has a length of 8 inches, a width of 3 inches, and a height of 6 inches.

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.