Draw the front, side, and top views of the solid. *(Section 6.1)*
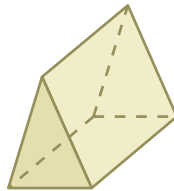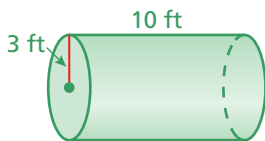
1.
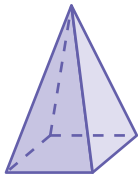
2.

3.

Find the surface area of the cylinder. Round your answer to the nearest tenth. *(Section 6.3)*
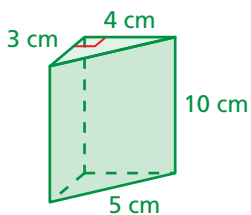
4.
10 ft
3 ft

5.
5 m
6 m
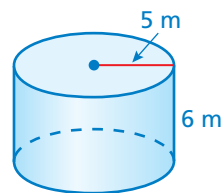
Find the surface area of the prism. *(Section 6.2)*

6.
4 cm
3 cm
10 cm
5 cm

7.
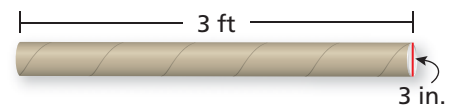4 mm
2 mm
7 mm
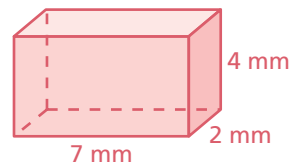
8. MAILING TUBE What is the least amount of material needed to make the mailing tube? *(Section 6.3)*

3 ft

3 in.

9. GEOMETRY Consider a prism that has n faces. Write an expression that represents the number of lateral faces. *(Section 6.2)*

1.5 in.

1 in.

Santellos

TOMATO
PASTE
3 in.

NET WT. 9 OZ

Santellos

TOMATO
PASTE
4.5 in.

NET WT. 18 OZ. (1 LB. 2 OZ.)

10. TOMATO PASTE How much more paper is used for the label of the large can of tomato paste than for the label of the small can? *(Section 6.3)*

11. WOODEN CHEST All the faces of the wooden chest will be painted except for the bottom. Find the area to be painted, in *square inches*. *(Section 6.2)*

2 ft

4 ft

1.5 ft