Name_____ Class Period_____ Date_____ Points ____/6

Surface Area of Prisms

You must earn 6 points!

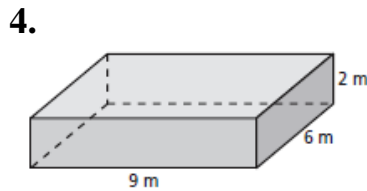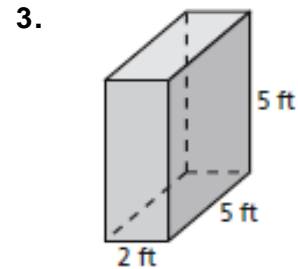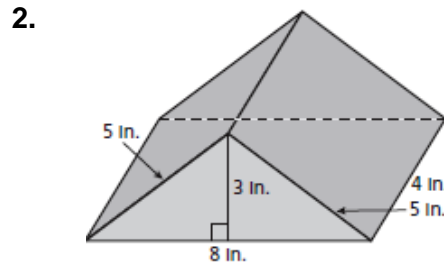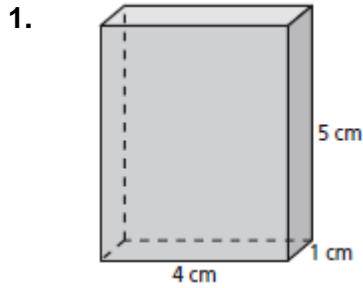**Draw the net. Then find the area of the entire surface of the prism.**

1 point

1.

5 cm
1 cm
4 cm

2.

5 In.
3 In.
8 In.
4 In.
5 In.

3.

5 ft
5 ft
2 ft

4.

2 m
6 m
9 m

5.

12 In.
20 In.
5 In.
13 In.

6.

8 cm
6 cm
2 cm
10 cm
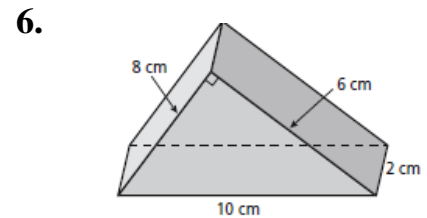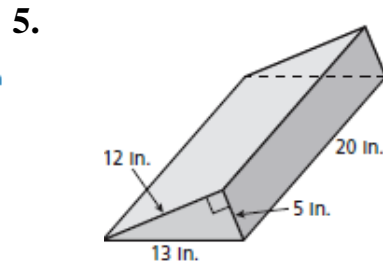
Draw the net. Then find the surface area of the prism.

7. A cube that has side lengths measuring 9 inches.

2 points

8. A cube that has side lengths measuring 7 inches.

9. A jewelry box is a rectangular prism with a length of 9 inches, a height of 5 inches, and a width of 6 inches. What is the surface area of the jewelry box?

10. The outside of a packing box is 30 cm long, 20 cm wide, and 15 cm high. What is the surface area of the box?

Reflecting Back

You must complete ALL 6 problems!

1. **Simplify the expression by combining like terms.**

$$9x + 3 + 6y - 3x + 2$$

2. **Simplify the expression by using the Distributive Property and then combining like terms.**

$$6(2 + a + 9)$$

3. **Solve for x.**

$$3x + 5 = 35$$

4. **Find the unit rate.**

   You studied for 14 hours last week. What was the unit rate of hours of study per day?

5. **Find the percent.**

$$36 \text{ is what percent of } 96?$$

6. **Evaluate the expression.**

$$4^2 + 3\{37 - (2 \cdot 5)\}$$