1. You have a machine that can make giant ice cubes. Each side measures 7.5 cm. What is the surface area of one giant ice cube?

2. In your woodworking class, each person made a wooden box in the shape of a rectangular prism to give as a gift to a family member. You want to paint yours blue. If your box is 6 inches long, 5 inches wide, and 8 inches tall, what is the total surface area you have to paint?

3. A bakery sells individual slices of cake in boxes shaped like triangular prisms. The boxes are 7 inches tall, each side of the triangle face is 6 inches long, and the height of the triangle is 5.2 inches. What is the surface area of the box?

4. You have a yellow candle and a red candle. The red candle has radius 1 inch and height 12 inches. The yellow candle has radius 2 inches and height 6 inches. Which candle has a greater surface area?

5. An ice cream cone has slant height 10 cm and radius 3 cm. If the outside of the cone is dipped in chocolate, what is the area of the chocolate-covered surface? Think carefully.