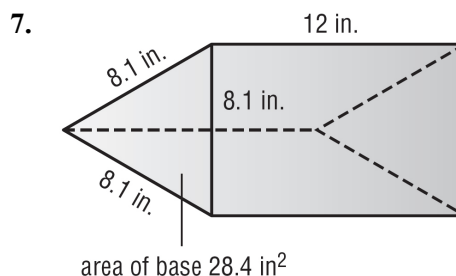
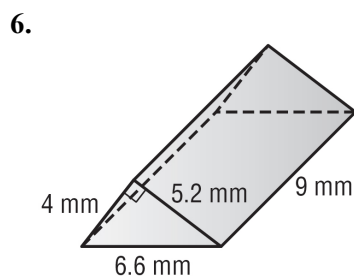
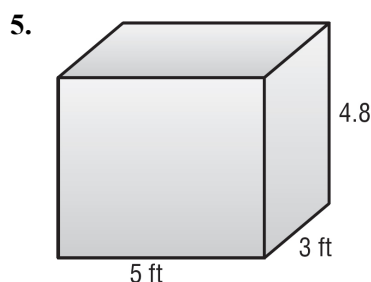
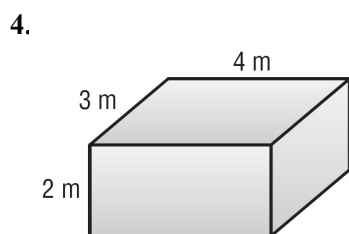
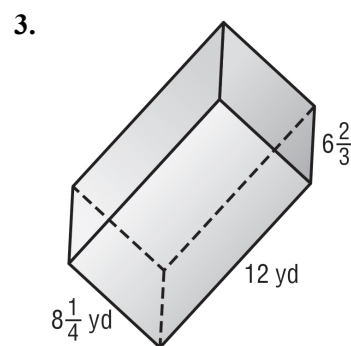
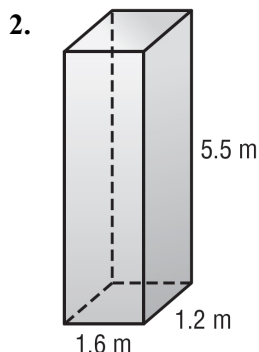
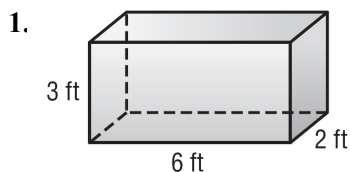


Lesson 4 Homework Practice

Surface Area of Prisms

Determine the lateral and surface area of each rectangular prism. Round to the nearest tenth if necessary.



8. When wrapping a birthday gift in the shape of a rectangular prism for his mother, Kenji adds an additional 2.5 square feet of gift wrap to allow for overlap. How many square feet of gift wrap will Kenji use to wrap a gift 3.5 feet long, 18 inches wide, and 2 feet high?
9. A company needs to package hazardous chemicals in special plastic rectangular prism containers that hold 80 cubic feet. Find the whole number dimensions of the container that would use the least amount of plastic.