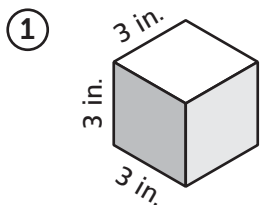
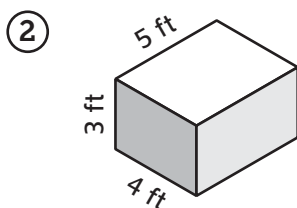


Volume of Rectangular Prisms

Find the volume for each prism.



Volume 27 in.³

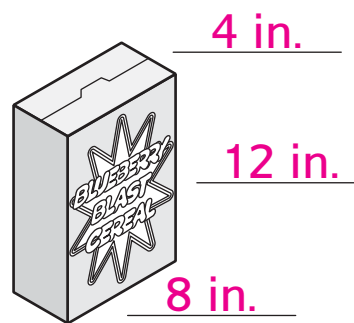


Volume 60 ft³

- ③ The Blueberry Blast cereal box is a rectangular prism that is 12 inches × 8 inches × 4 inches.

a. Label the diagram with the dimensions.

b. What is its volume? 384 in.³



- ④ Greta's gift shop has three sizes of gift boxes. They are all shaped like rectangular prisms. The dimensions are shown below.

Small: 10 cm × 10 cm × 10 cm

Large: 40 cm × 30 cm × 15 cm

Medium: The area of the base is 1,000 cm² and the height is 8 cm.

Find the volume of each gift box.

Small: 1,000 cm³

Large: 18,000 cm³

Medium: 8,000 cm³

Practice Evaluate.

⑤ $\frac{2}{3} + \frac{5}{6} = \underline{\frac{9}{6}}$

⑥ $4\frac{3}{4} + \frac{7}{8} = \underline{5\frac{5}{8}}$

⑦ $\frac{4}{5} - \frac{3}{4} = \underline{\frac{1}{20}}$

⑧ $10 - \frac{5}{12} = \underline{9\frac{7}{12}}$