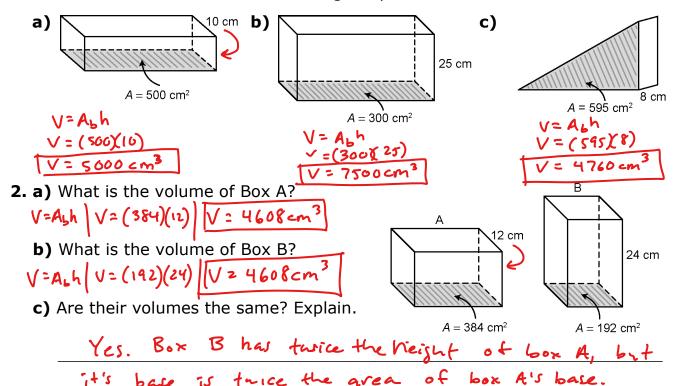
Practice (3.1)

1. Determine the volume of each rectangular prism.



- 3. What is the height of each rectangular prism?
 - a) volume = 108 cm^3 , area of base = 12 cm^2
 - **b)** volume = 80 cm³, area of base = 16 cm² ______
 - c) area of base = 110 cm², volume = 110 cm³
- **4.** The Canola Oil Company is designing cans for its oil. Their cans hold 1 L, which is 1000 cm³. The area of the base of their can is 80 cm². How tall is the can? Show your answer to one decimal place.

#3 a)
$$V = A_{b}h$$
 b) $V = A_{b}h$ c) $V = A_{b}h$

$$\frac{108 = 12 h}{12 12} \frac{80 = 16 h}{16} \frac{110 = 110 h}{110 110}$$

$$9 = h$$

$$5 = h$$

$$1 = h$$

$$1000 = 80 h$$

$$80 = 16 h$$

$$1 = h$$