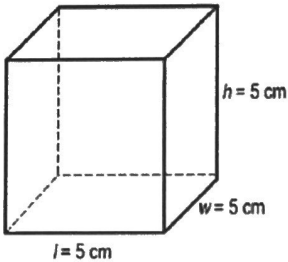
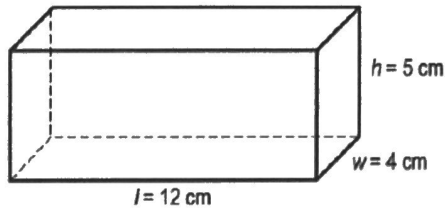


1. Find the Volume $V = l \cdot w \cdot h$



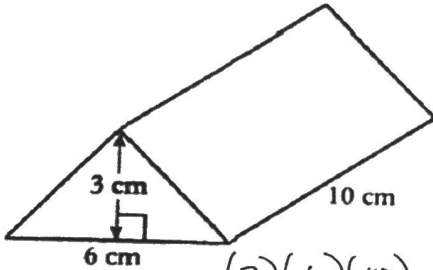
$$V = (5)(5)(5) = (5)^3 = \boxed{125 \text{ cm}^3}$$

2. Find the Volume $V = l \cdot w \cdot h$



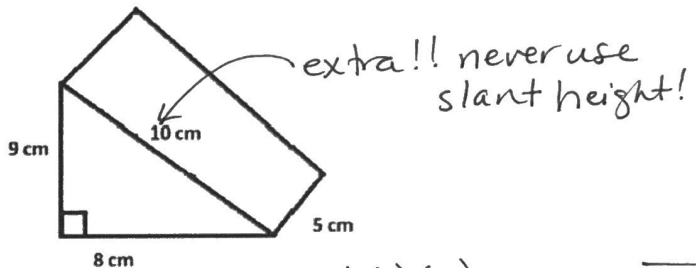
$$V = (4)(5)(12) = \boxed{240 \text{ cm}^3}$$

3. Find the Volume $V = \frac{l \cdot w \cdot h}{2}$



$$V = \frac{(3)(6)(10)}{2} = \frac{180}{2} = \boxed{90 \text{ cm}^3}$$

4. Find the Volume $V = \frac{l \cdot w \cdot h}{2}$



$$V = \frac{(9)(8)(5)}{2} = \frac{360}{2} = \boxed{180 \text{ cm}^3}$$

5. Find the missing measure

$V = l \cdot w \cdot h$ Find the missing measure

Rectangular Prism

length = 7 ft

width = 8 ft

volume = 672 ft³

height = ?

$$V = L \cdot w \cdot h$$

$$672 = (7)(8)(h)$$

$$672 = 56(h)$$

$$h = \frac{672}{56} = 12$$

$\boxed{12 \text{ ft}}$

Rectangular Prism

height = x

length = x

width = x

} all sides are the same = Cube

volume = 1125 in³

$$V = (s)^3$$

$$1125 = (s)^3$$

$$\sqrt[3]{1125} = \sqrt[3]{(s)^3}$$

$$10.4 = s$$

7. Find the missing measure

$V = \frac{l \cdot w \cdot h}{2}$

Triangular Prism

length = 4 ft

width = 10 ft

volume = 60 ft³

height = ?

~~$$2 \cdot 60 = \frac{(4)(10)(h)}{2}$$~~

$$120 = \frac{40(h)}{2}$$

$$\frac{120}{40} = \frac{40(h)}{40}$$

$$3 = h$$

$\boxed{3 \text{ ft} = h}$

8. Find the missing Measure

Triangular Prism

height = 6.5 cm

width = 2.5 cm

volume = 73.125 cm³

length = ?

$$2 \cdot 73.125 = \frac{(6.5)(2.5)(L)}{2}$$

$$146.25 = \frac{16.25(L)}{2}$$

$$16.25 \cdot 2 = \frac{16.25(L)}{2} \cdot 2$$

$$32.5 = 16.25(L)$$

$$L = \frac{32.5}{16.25} = 2$$

$\boxed{9 \text{ cm}}$ $9 = L$