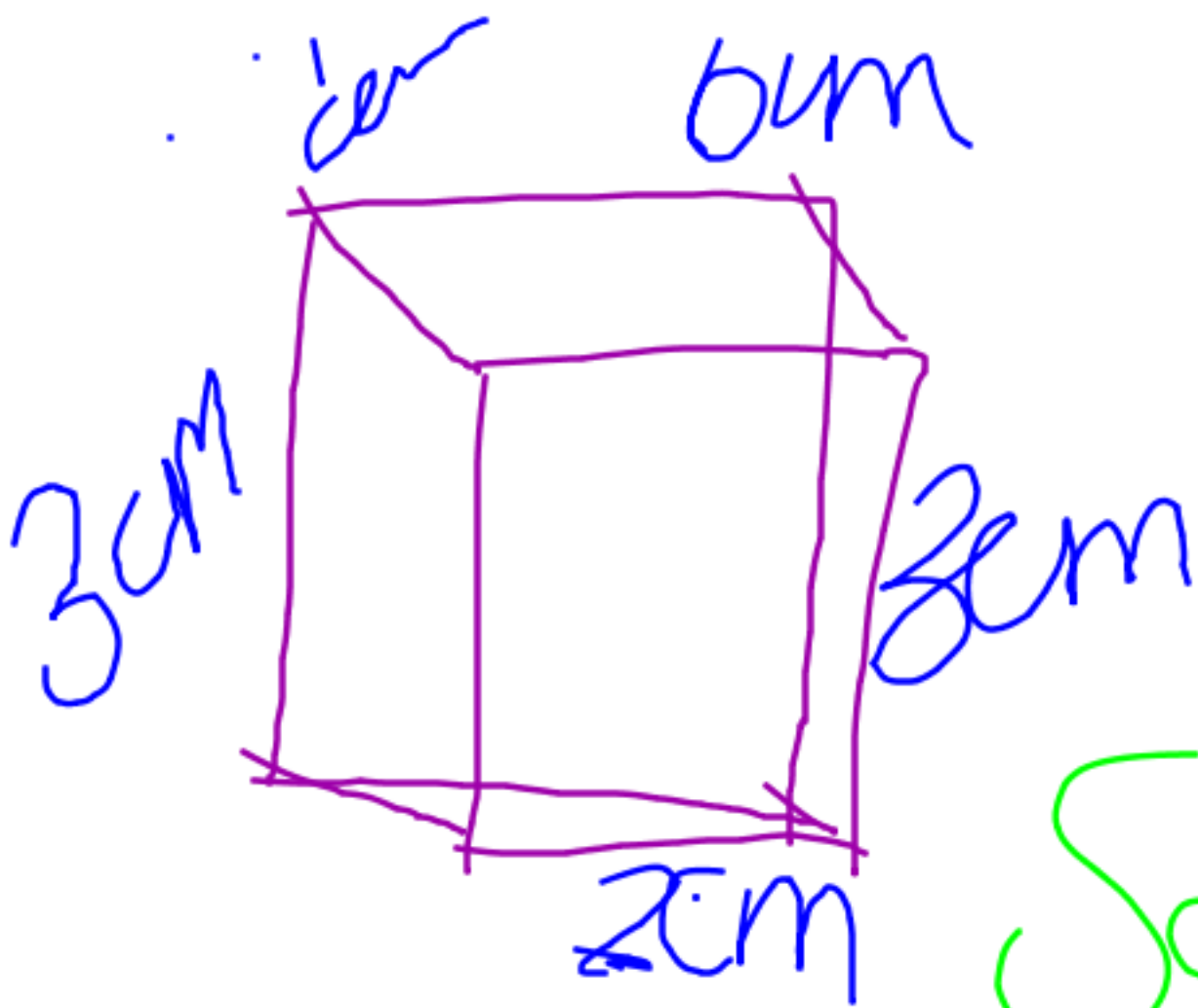




$$S_a = 2(lw + lh + \underline{wh})$$

$$S_a = 2[(6)(2) + (3)(6) + (3)(2)]$$

$$S_a = 2(12 + 18 + 6)$$

$$S_a = 2(36)$$

$$S_a = \underline{72 \text{ cm}^2}$$

$$w = 6$$

$$h = 3$$

$$l = 2$$

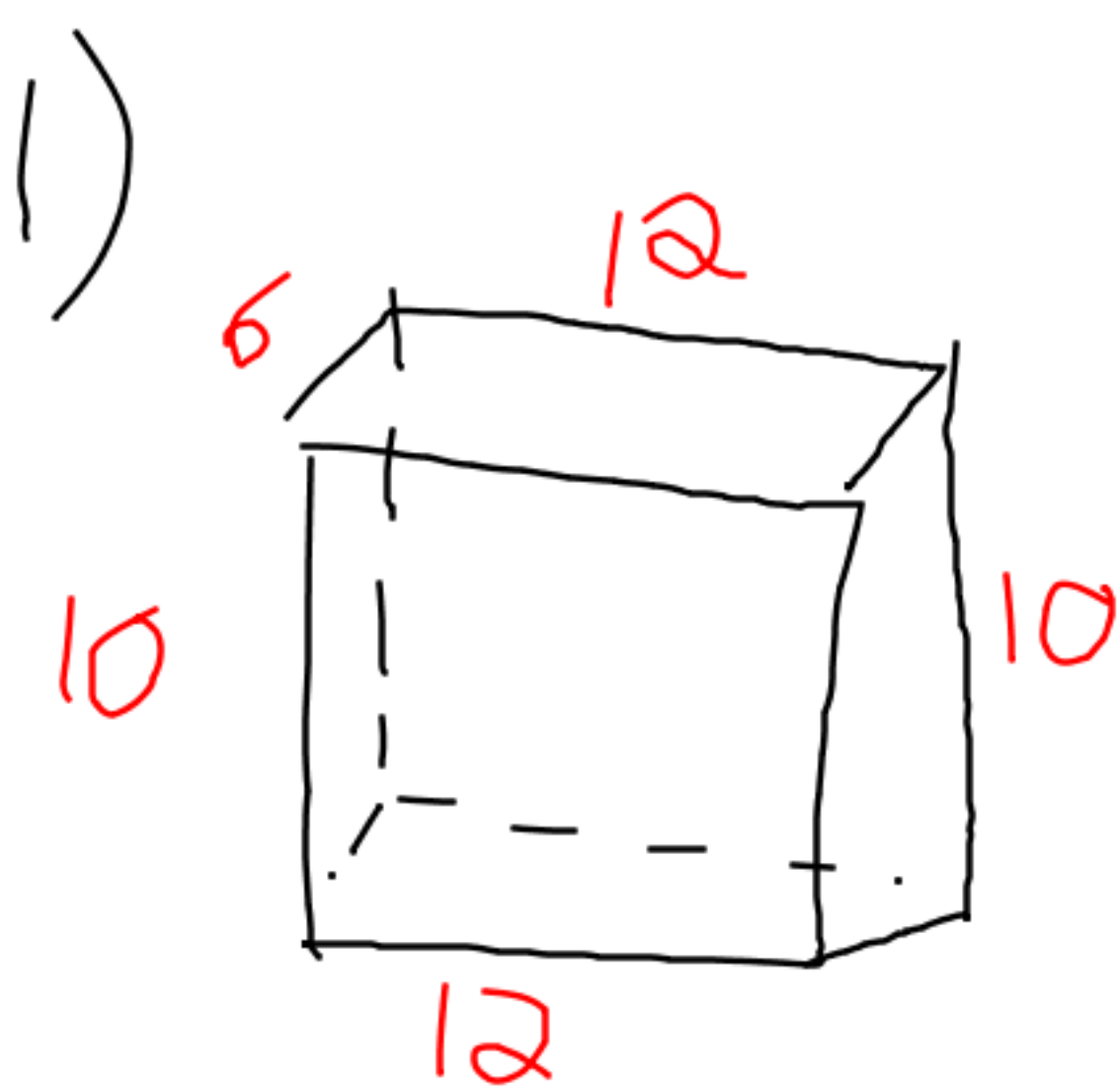
Volume

Rectangular Prism

$$V = lwh$$

Triangular Prism

$$V = \left(\frac{1}{2}h\right)(b)(s)$$



$$l = 12\text{cm}$$

$$w = 6\text{cm}$$

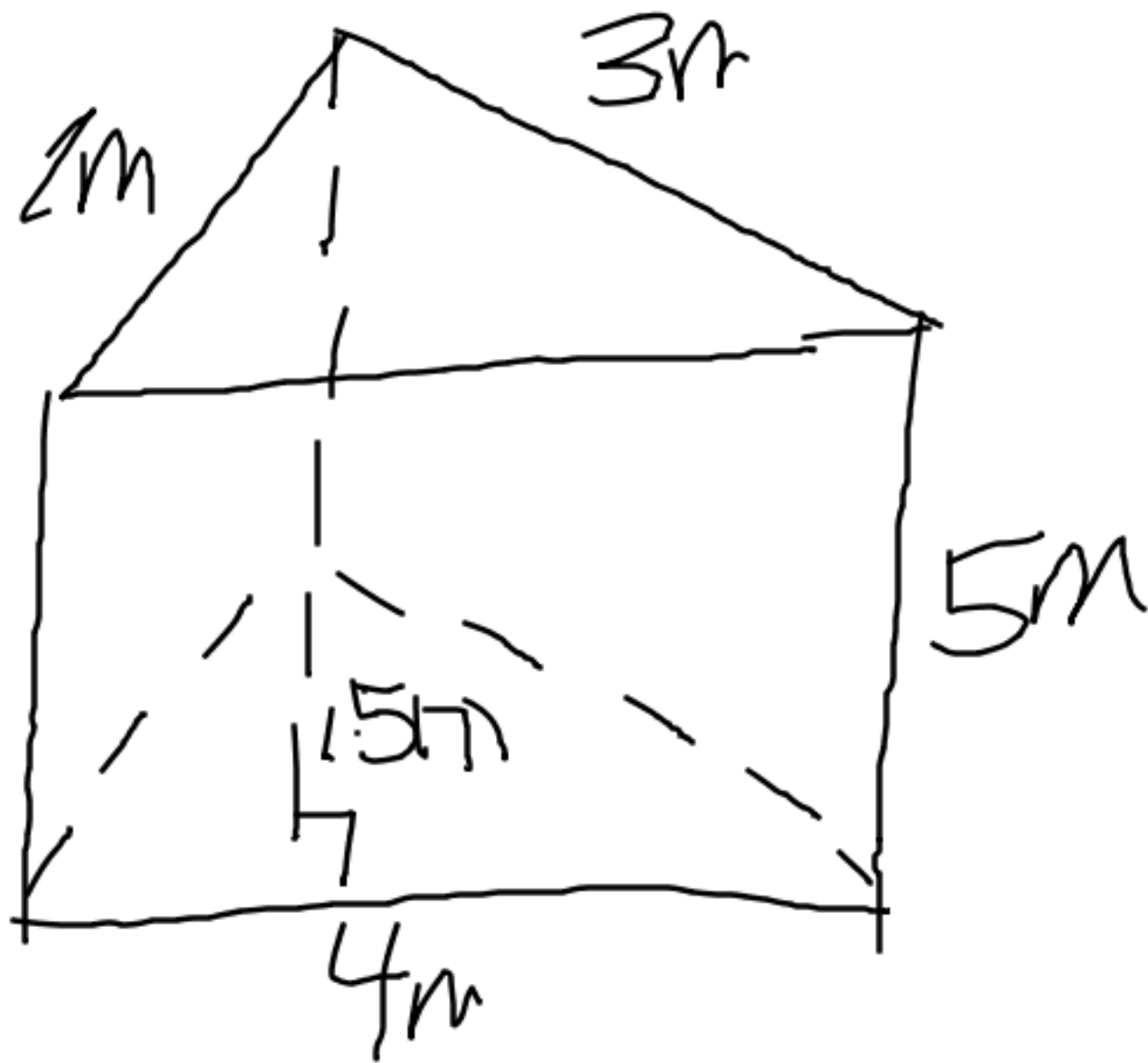
$$h = 10\text{cm}$$

$$V = lwh$$

$$V = (12)(6)(10)$$

$$V = 720\text{cm}^3$$

2)



$$h = 1.5 \text{ m}$$

$$b = 4 \text{ m}$$

$$s = 5 \text{ m}$$

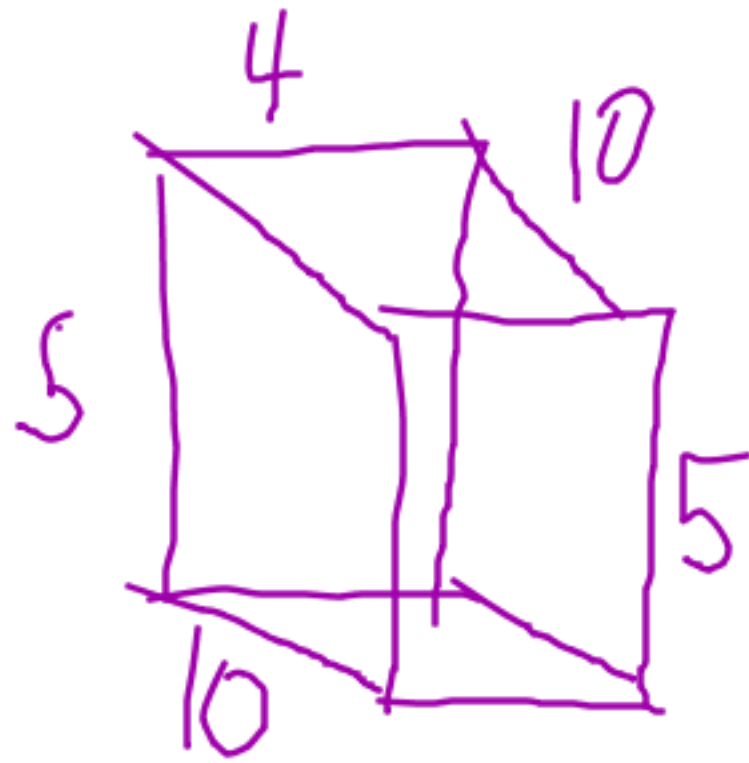
$$V = \left(\frac{1}{2}h\right)(b)(s)$$

$$V = \left[\left(\frac{1}{2}\right)(1.5)\right](4)(5)$$

$$V = 10.75(4)(5)$$

$$V = 15 \text{ m}^3$$

4)



$$V = L \times W \times h$$

$$10 \times 4 \times 5$$

$$= 200 \text{ cm}^3$$

$$5) \quad V = \left(\frac{1}{2}h\right)(b)(S)$$

$$h = 8 \quad V = \left[\left(\frac{1}{2}\right)(8)\right](6)(10)$$

$$b = 6 \quad V = (4)(6)(10)$$

$$S = 10 \quad V = 240 \text{ m}^3$$

b) $V = lwh$

$$\begin{aligned} l &= 9\text{m} \\ w &= 4\text{m} \\ h &= 5\text{m} \end{aligned}$$

$$\begin{aligned} V &= (9)(4)(5) \\ V &= 180\text{m}^3 \end{aligned}$$