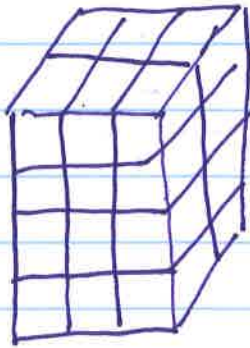
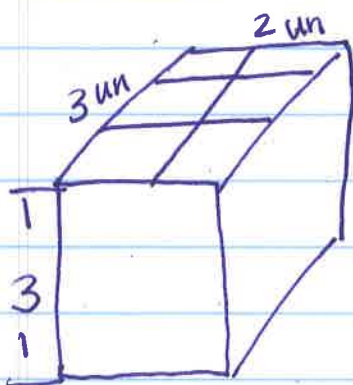
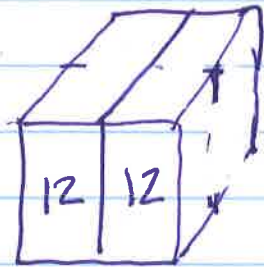
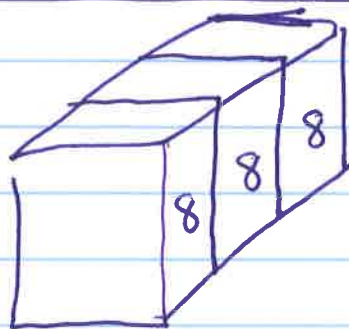
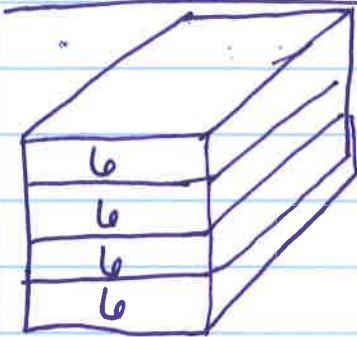


# M5L4: Use Multiplication to Calculate Volume



Cubes in Each Layer	# of Layers	Volume
(3 un x 2 un)	4 un	24 un <sup>3</sup>
(2 un x 4 un)	3 un	24 un <sup>3</sup>
(3 un x 4 un)	2 un	24 un <sup>3</sup>



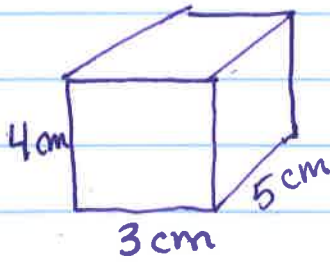
$$\rightarrow V = l \times w \times h$$

$$\rightarrow V = A \times h \quad \text{Area} = l \times w$$

$$V = (3 \text{ un} \times 2 \text{ un}) \times 3 \text{ un}$$

$$6 \text{ un}^2 \times 3 \text{ un}$$

$$18 \text{ un}^3$$

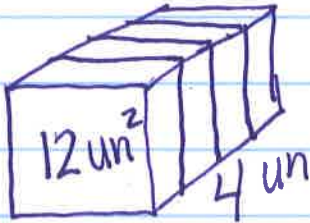


$$V = l \times w \times h$$

$$V = (3 \text{ cm} \times 5 \text{ cm}) \times 4 \text{ cm}$$

$$V = 15 \text{ cm}^2 \times 4 \text{ cm}$$

$$V = 60 \text{ cm}^3$$



$$V = a \times h$$

$$12 \text{ un}^2 \times 4 \text{ un}$$

$$48 \text{ un}^3$$