

Volume of a Box • Set 2 of 5

Name: _____

Volume is length $\times$ width $\times$ height, measured in cubic units.

Length (cm)	Width (cm)	Height (cm)	Volume (cm ³)
12	4	6	
5	6	4	
12	5	7	
4	4	4	
8	7	8	
10	2	8	
3	5	7	
12	9	4	
8	4	2	
8	9	2	
5	9	5	
12	7	4	
8	8	8	

Volume of a Box · Set 2 of 5 — Answer Key

$$12 \times 4 \times 6 = 288 \text{ cm}^3 \quad 5 \times 6 \times 4 = 120 \text{ cm}^3$$

$$12 \times 5 \times 7 = 420 \text{ cm}^3 \quad 4 \times 4 \times 4 = 64 \text{ cm}^3$$

$$8 \times 7 \times 8 = 448 \text{ cm}^3 \quad 10 \times 2 \times 8 = 160 \text{ cm}^3$$

$$3 \times 5 \times 7 = 105 \text{ cm}^3 \quad 12 \times 9 \times 4 = 432 \text{ cm}^3$$

$$8 \times 4 \times 2 = 64 \text{ cm}^3 \quad 8 \times 9 \times 2 = 144 \text{ cm}^3$$

$$5 \times 9 \times 5 = 225 \text{ cm}^3 \quad 12 \times 7 \times 4 = 336 \text{ cm}^3$$

$$8 \times 8 \times 8 = 512 \text{ cm}^3$$