

Volume of a Box • Set 3 of 5

Name: _____

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

Length (cm)	Width (cm)	Height (cm)	Volume (cm ³)
4	8	4	
12	2	4	
6	7	2	
4	9	2	
4	9	8	
4	9	7	
11	6	6	
7	9	6	
6	6	8	
12	3	3	
8	4	6	
7	2	6	
5	6	5	

Volume of a Box · Set 3 of 5 — Answer Key

$$4 \times 8 \times 4 = 128 \text{ cm}^3 \quad 12 \times 2 \times 4 = 96 \text{ cm}^3$$

$$6 \times 7 \times 2 = 84 \text{ cm}^3 \quad 4 \times 9 \times 2 = 72 \text{ cm}^3$$

$$4 \times 9 \times 8 = 288 \text{ cm}^3 \quad 4 \times 9 \times 7 = 252 \text{ cm}^3$$

$$11 \times 6 \times 6 = 396 \text{ cm}^3 \quad 7 \times 9 \times 6 = 378 \text{ cm}^3$$

$$6 \times 6 \times 8 = 288 \text{ cm}^3 \quad 12 \times 3 \times 3 = 108 \text{ cm}^3$$

$$8 \times 4 \times 6 = 192 \text{ cm}^3 \quad 7 \times 2 \times 6 = 84 \text{ cm}^3$$

$$5 \times 6 \times 5 = 150 \text{ cm}^3$$