

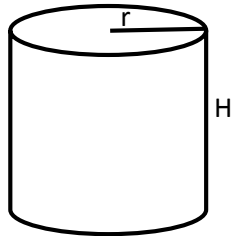
**VOLUME PRACTICE**  
**BOXES**



Fill in the table below by calculating the missing dimensions.

#	L	W	H	V
1	1 cm	6 cm	16 cm	
2	3 cm	2.5 cm	22 cm	
3	2 ½ in	3 ½ in		52 ½ in <sup>3</sup>
4	2 in	4.5 in	2.5 in	
5		10 m	5 m	100 m <sup>3</sup>
6	3 ¼ in	5 in		97.5 in <sup>3</sup>
7	10 in		55 in	550 in <sup>3</sup>
8	8.5 ft	17 ft	6 ft	
9	2 ¼ in	3 ⅛ in	3 in	
10	7 m	2 1/3 m	16 m	
11	9 ft		7 ½ ft	202.5 ft <sup>3</sup>
12	2 m	18 m	1 m	
13	5 in	2 ½ in	1 ¼ in	
14	14 cm	2 cm	22 cm	
15	3 ⅝ in	3 ½ in	1 ½ in	

**CYLINDERS**



Fill in the table below by calculating the missing dimensions.

#	H	r	V	#	H	r	V
1	10 cm	2.5 cm		11	12 cm	13 cm	
2	20 cm	5 cm		12	6 ft	2.5 ft	
3	71 mm	10 mm		13	3 ½ in	3 ½ in	
4	21 m	1 ½ m		14	45 cm	4 cm	
5	6.9 in	2.9 in		15	2.6 m	16 m	
6	5.9 cm	7.9 cm		16	7.7 ft	8.3 ft	
7	6.5 ft	10 ft		17		9.3 in	3204.7 in <sup>3</sup>
8	2 ½ in	9 ⅛ in		18	3 in		397 in <sup>3</sup>
9	5 ⅝ ft	17.5 ft		19		5 ft	1253 ft <sup>3</sup>
10	3 ¼ in	3 ⅝ in		20	2 ½ in		60 in <sup>3</sup>