



Math worksheet on 'Volume of a Rectangular Prism - Calculate Side from Volume and Sides (Level 1)'.  
Part of a broader unit on 'Geometry - Volume Logic with Simple 3D Shapes - Intro'

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**1** What is the length of the missing side of this Rectangular Prism?

$V=45$

<b>a</b>	<b>b</b>	<b>c</b>
3	10	2
<b>d</b>	<b>e</b>	<b>f</b>
1	9	5

**2** What is the length of the missing side of this Rectangular Prism?

$V=20$

<b>a</b>	<b>b</b>	<b>c</b>
11	7	4
<b>d</b>	<b>e</b>	<b>f</b>
1	2	3

**3** What is the length of the missing side of this Rectangular Prism?

$V=18$

<b>a</b>	<b>b</b>	<b>c</b>
9	3	6
<b>d</b>	<b>e</b>	<b>f</b>
5	11	7

**4** What is the length of the missing side of this Rectangular Prism?

$V=30$

<b>a</b>	<b>b</b>	<b>c</b>
2	6	3
<b>d</b>	<b>e</b>	<b>f</b>
5	9	1

**5** What is the length of the missing side of this Rectangular Prism?

$V=40$

<b>a</b>	<b>b</b>	<b>c</b>
6	8	7
<b>d</b>	<b>e</b>	<b>f</b>
3	4	2

**6** What is the length of the missing side of this Rectangular Prism?

$V=30$

<b>a</b>	<b>b</b>	<b>c</b>
9	2	11
<b>d</b>	<b>e</b>	<b>f</b>
6	5	8

**7** What is the length of the missing side of this Rectangular Prism?

$V=100$

<b>a</b>	<b>b</b>	<b>c</b>
6	12	8
<b>d</b>	<b>e</b>	<b>f</b>
9	1	4