



Math worksheet on 'Ratios of Lengths - Length and Ratio to Top Length, Whole Numbers - Right Angle Line Display (Level 1)'. Part of a broader unit on 'Trigonometry Foundations'

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**1**

Solve for the length of line  $d$

$$r = \begin{cases} d = ? \\ 2 \end{cases}$$

$$\frac{d}{r} = 0.25$$

<b>a</b>	6	<b>b</b>	4
<b>c</b>	3	<b>d</b>	2
<b>e</b>	7	<b>f</b>	0

**2**

Solve for the length of line  $p$

$$m = \begin{cases} p = ? \\ 21 \end{cases}$$

$$\frac{p}{m} = 0.333$$

<b>a</b>	21	<b>b</b>	18
<b>c</b>	2	<b>d</b>	4
<b>e</b>	7	<b>f</b>	16

**3**

Solve for the length of line  $b$

$$y = \begin{cases} b = ? \\ 6 \end{cases}$$

$$\frac{b}{y} = 0.5$$

<b>a</b>	0	<b>b</b>	3
<b>c</b>	8	<b>d</b>	2
<b>e</b>	9	<b>f</b>	7

**4**

Solve for the length of line  $r$

$$p = \begin{cases} r = ? \\ 12 \end{cases}$$

$$\frac{r}{p} = 0.25$$

<b>a</b>	3	<b>b</b>	16
<b>c</b>	5	<b>d</b>	12
<b>e</b>	1	<b>f</b>	7

**5**

Solve for the length of line  $n$

$$b = \begin{cases} n = ? \\ 20 \end{cases}$$

$$\frac{n}{b} = 0.25$$

<b>a</b>	20	<b>b</b>	8
<b>c</b>	15	<b>d</b>	5
<b>e</b>	2	<b>f</b>	1

**6**

Solve for the length of line  $c$

$$m = \begin{cases} c = ? \\ 15 \end{cases}$$

$$\frac{c}{m} = 0.333$$

<b>a</b>	12	<b>b</b>	0
<b>c</b>	5	<b>d</b>	13
<b>e</b>	4	<b>f</b>	8

**7**

Solve for the length of line  $c$

$$z = \begin{cases} c = ? \\ 10 \end{cases}$$

$$\frac{c}{z} = 0.5$$

<b>a</b>	5	<b>b</b>	2
<b>c</b>	8	<b>d</b>	13
<b>e</b>	12	<b>f</b>	9