



Math worksheet on 'Ratios of Lengths - Length and Ratio to Top Length, Decimal Numbers - Parallel Line Display (Level 2)'. Part of a broader unit on 'Ratios of Lengths - Practice'

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**1** Solve for the length of line y

$m = 8.3$        $y = ?$

$$\frac{y}{m} = 1.916$$

<b>a</b>	11.989	<b>b</b>	22.967
<b>c</b>	15.9	<b>d</b>	8.833
<b>e</b>	12.367	<b>f</b>	5.533

**2** Solve for the length of line n

$x = 7.9$        $n = ?$

$$\frac{n}{x} = 1.582$$

<b>a</b>	7.022	<b>b</b>	12.5
<b>c</b>	15.278	<b>d</b>	9.656
<b>e</b>	8.778	<b>f</b>	13.889

**3** Solve for the length of line p

$p = ?$        $z = 14$

$$\frac{p}{z} = 0.314$$

<b>a</b>	2.933	<b>b</b>	4.4
<b>c</b>	20.222	<b>d</b>	5.867
<b>e</b>	10.889	<b>f</b>	3.422

**4** Solve for the length of line b

$b = ?$        $r = 18.2$

$$\frac{b}{r} = 0.379$$

<b>a</b>	10.111	<b>b</b>	4.6
<b>c</b>	6.9	<b>d</b>	14.156
<b>e</b>	26.289	<b>f</b>	3.067

**5** Solve for the length of line p

$p = ?$        $x = 12.8$

$$\frac{p}{x} = 0.617$$

<b>a</b>	7.022	<b>b</b>	9.656
<b>c</b>	7.9	<b>d</b>	10.533
<b>e</b>	12.8	<b>f</b>	8.533

**6** Solve for the length of line n

$z = 5.7$        $n = ?$

$$\frac{n}{z} = 3.158$$

<b>a</b>	18	<b>b</b>	16
<b>c</b>	10	<b>d</b>	8
<b>e</b>	24	<b>f</b>	14

**7** Solve for the length of line x

$z = 17.1$        $x = ?$

$$\frac{x}{z} = 0.977$$

<b>a</b>	20.9	<b>b</b>	19
<b>c</b>	11.4	<b>d</b>	16.7
<b>e</b>	11.133	<b>f</b>	12.989