



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

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1

$$\underline{d=14.5}$$

$$\underline{b=19.4}$$

$$\frac{b}{d} = 1.338$$

Solve for the ratio of lengths of line b over line d

<b>a</b>	1.859	<b>b</b>	0.738
<b>c</b>	0.338	<b>d</b>	1.738
<b>e</b>	1.066	<b>f</b>	1.338

2

$$\underline{y=5}$$

$$\underline{c=19.4}$$

$$\frac{c}{y} = 3.88$$

Solve for the ratio of lengths of line c over line y

<b>a</b>	0.211	<b>b</b>	0.178
<b>c</b>	3.449	<b>d</b>	4.742
<b>e</b>	3.88	<b>f</b>	0.58

3

$$\underline{x=12.4}$$

$$\underline{n=17.7}$$

$$\frac{x}{n} = 0.701$$

Solve for the ratio of lengths of line x over line n

<b>a</b>	0.501	<b>b</b>	0.701
<b>c</b>	9.944	<b>d</b>	1.301
<b>e</b>	0.901	<b>f</b>	0.299

4

$$\underline{d=15.6}$$

$$\underline{p=17.6}$$

$$\frac{p}{d} = 1.128$$

Solve for the ratio of lengths of line p over line d

<b>a</b>	0.728	<b>b</b>	1.077
<b>c</b>	1.728	<b>d</b>	0.928
<b>e</b>	1.928	<b>f</b>	1.128

5

$$\underline{r=14.6}$$

$$\underline{z=12.5}$$

$$\frac{r}{z} = 1.168$$

Solve for the ratio of lengths of line r over line z

<b>a</b>	1.761	<b>b</b>	0.508
<b>c</b>	1.168	<b>d</b>	0.968
<b>e</b>	0.568	<b>f</b>	0.368

6

$$\underline{d=19.5}$$

$$\underline{z=10.9}$$

$$\frac{d}{z} = 1.789$$

Solve for the ratio of lengths of line d over line z

<b>a</b>	0.629	<b>b</b>	0.386
<b>c</b>	0.419	<b>d</b>	0.989
<b>e</b>	1.789	<b>f</b>	2.589

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$$\underline{b=19.3}$$

$$\underline{z=15.8}$$

$$\frac{b}{z} = 1.222$$

Solve for the ratio of lengths of line b over line z

<b>a</b>	1.222	<b>b</b>	0.822
<b>c</b>	2.372	<b>d</b>	0.422
<b>e</b>	1.822	<b>f</b>	0.703