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Math worksheet on *'Ratios of Lengths - Both Lengths to Ratio, Whole Numbers - Parallel Line Display (Level 1)'*. Part of a broader unit on *'Ratios of Lengths - Intro'*

Learn online: app.mobius.academy/math/units/ratios_lengths_calculating_intro/

1

r=7

p=21

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

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

a	7.5	**b**	1.07
c	1.36	**d**	0.33
e	0.93	**f**	0.53

2

z=8

y=4

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

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

a	0.5	**b**	1.43
c	1.1	**d**	0.3
e	10	**f**	0.1

3

y=4

x=8

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

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

a	10	**b**	0.77
c	0.5	**d**	0.3
e	1.1	**f**	0.1

4

y=15

m=5

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

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

a	3.75	**b**	1.13
c	7.5	**d**	0.33
e	0.93	**f**	0.88

5

m=6

r=24

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

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

a	0.65	**b**	1.54
c	2.22	**d**	0.25
e	1.18	**f**	1.05

6

x=16

p=4

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

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

a	0.25	**b**	1.18
c	0.65	**d**	1.82
e	1.54	**f**	0.75

7

n=10

m=5

$\frac{m}{n} = 0.5$

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

a	0.5	**b**	0.9
c	0.7	**d**	1.43
e	10	**f**	3.33