Name

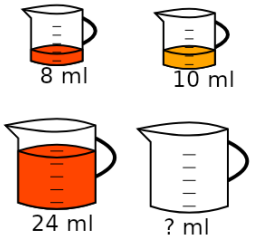
Represent ratios on double number lines

1 What can this ratio be simplified to?

4:10

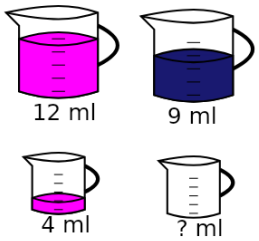
A 6:4	B 8:2
C 4:2	D 2:5

2 This sauce needs 10 ml of mustard for every 8 ml of ketchup. How much mustard is needed if you have 24 ml of ketchup



A	27 ml
B	28 ml
C	32 ml
D	30 ml

3 This paint color needs 9 ml of blue for every 12 ml of magenta. How much blue is needed if you have 4 ml of magenta



A	3 ml
B	1 ml
C	2 ml
D	4 ml

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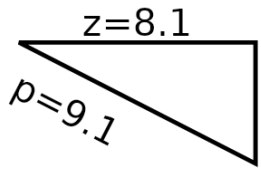
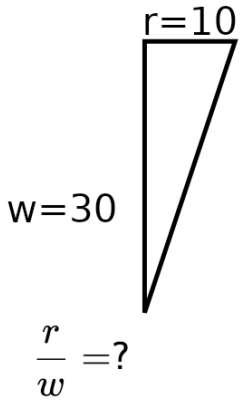
4 Solve for the ratio of lengths of line p over line z



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

A $\frac{p}{z} = 1.910$	B $\frac{p}{z} = 0.523$
C $\frac{p}{z} = 0.656$	D $\frac{p}{z} = 0.123$
E $\frac{p}{z} = 1.123$	F $\frac{p}{z} = 0.756$

5 Solve for the ratio of lengths of line r over line w



$$\frac{r}{w} = ?$$

A $\frac{r}{w} = 0.33$	B $\frac{r}{w} = 1.88$
C $\frac{r}{w} = 1.50$	D $\frac{r}{w} = 0.93$
E $\frac{r}{w} = 0.67$	F $\frac{r}{w} = 1.36$

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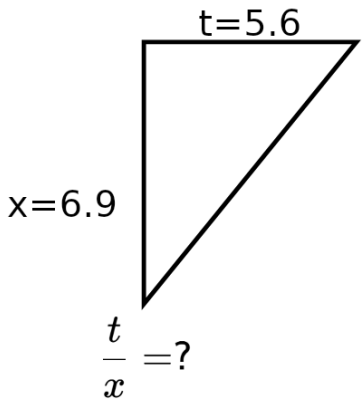
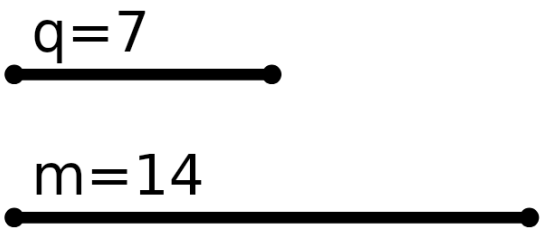
6 Solve for the ratio of lengths of line t over line x



A	$\frac{t}{x} = 0.012$	B	$\frac{t}{x} = 1.212$
C	$\frac{t}{x} = 86.250$	D	$\frac{t}{x} = 1.232$
E	$\frac{t}{x} = 0.412$	F	$\frac{t}{x} = 0.812$

7 Solve for the ratio of lengths of line q over line m



$\frac{q}{m}$ =?

A	$\frac{q}{m} = 1.4$	B	$\frac{q}{m} = 0.5$
C	$\frac{q}{m} = 2.0$	D	$\frac{q}{m} = 3.3$
E	$\frac{q}{m} = 10.0$	F	$\frac{q}{m} = 0.9$

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8 Solve for the ratio of lengths of line t over line m

t=6.5

m=7.3

$$\frac{t}{m} = ?$$

A	$\frac{t}{m} = 1.29$	B	$\frac{t}{m} = 0.49$
C	$\frac{t}{m} = 0.77$	D	$\frac{t}{m} = 1.49$
E	$\frac{t}{m} = 2.04$	F	$\frac{t}{m} = 0.89$

9 Solve for the ratio of lengths of line r over line t

r=3

t=9

$$\frac{r}{t} = ?$$

A	$\frac{r}{t} = 0.47$	B	$\frac{r}{t} = 0.88$
C	$\frac{r}{t} = 3.75$	D	$\frac{r}{t} = 1.88$
E	$\frac{r}{t} = 0.33$	F	$\frac{r}{t} = 1.13$