

Interpret a ratio as a comparison

1

What is the (simplest) ratio of boys to girls?

boys : 5

girls : 4

A 3:1

B 4:2

C 13:1

D 5:4

3

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

 $r=3$ $t=9$

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

A $\frac{r}{t} = 0.88$

B $\frac{r}{t} = 1.13$

C $\frac{r}{t} = 3.75$

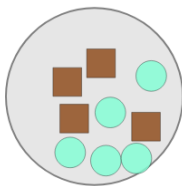
D $\frac{r}{t} = 1.88$

E $\frac{r}{t} = 0.33$

F $\frac{r}{t} = 0.47$

5

What is the (simplest) ratio of circles to squares?



A 1:7

B 10:3

C 2:12

D 5:4

2

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

 $r=6.6$ $z=3$

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

A $\frac{r}{z} = 0.7$

B $\frac{r}{z} = 0.5$

C $\frac{r}{z} = 2.2$

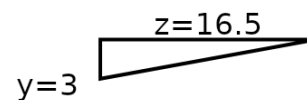
D $\frac{r}{z} = 0.6$

E $\frac{r}{z} = 1.0$

F $\frac{r}{z} = 1.2$

4

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



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

A $\frac{z}{y} = 4.9$

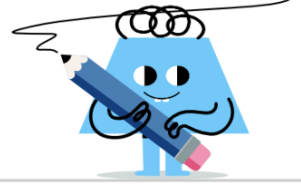
B $\frac{z}{y} = 0.2$

C $\frac{z}{y} = 5.5$

D $\frac{z}{y} = 6.1$

E $\frac{z}{y} = 0.1$

F $\frac{z}{y} = 7.9$



Interpret a ratio as a comparison

6

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



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

A $\frac{x}{y} = 2$

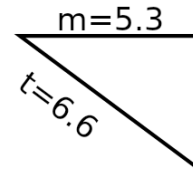
B $\frac{x}{y} = 0$

C $\frac{x}{y} = 3$

D $\frac{x}{y} = 1$

7

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



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

A $\frac{m}{t} = 0.803$

B $\frac{m}{t} = 5.077$

C $\frac{m}{t} = 1.203$

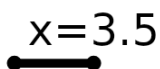
D $\frac{m}{t} = 1.003$

E $\frac{m}{t} = 0.003$

F $\frac{m}{t} = 1.403$

8

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



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

A $\frac{x}{p} = 1.254$

B $\frac{x}{p} = 0.798$

C $\frac{x}{p} = 0.198$

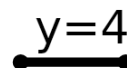
D $\frac{x}{p} = 0.598$

E $\frac{x}{p} = 1.002$

F $\frac{x}{p} = 2.486$

9

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



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

A $\frac{y}{w} = 0.25$

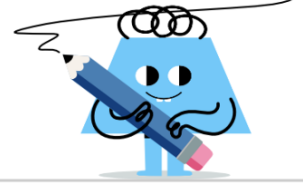
B $\frac{y}{w} = 2.22$

C $\frac{y}{w} = 1.82$

D $\frac{y}{w} = 1.18$

E $\frac{y}{w} = 1.05$

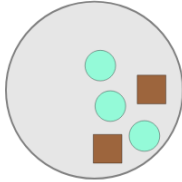
F $\frac{y}{w} = 0.05$



Interpret a ratio as a comparison

10

What is the (simplest) ratio of squares to ALL shapes?



A 7:9

B 3:11

C 1:7

D 2:5

11

What is the (simplest) ratio of boys to girls?

boys : 3

girls : 2

A

4:1

B

6:8

C

3:2

D

9:9

12

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

$$p=6.9$$

$$r=2.9$$

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

A $\frac{p}{r} = 1.586$

B $\frac{p}{r} = 0.630$

C $\frac{p}{r} = 0.291$

D $\frac{p}{r} = 0.378$

E $\frac{p}{r} = 2.379$

F $\frac{p}{r} = 2.908$