

Compare ratios using equivalent forms

1

Complete the equivalent fraction by finding the missing numerator

$$\frac{1}{6} = \frac{?}{24}$$

(Diagram showing multiplication by 4: $1 \times 4 = ?$ and $6 \times 4 = 24$)

A 3

B 1

C 0

D 5

E 6

F 4

2

Complete the equivalent fraction by finding the missing denominator

$$\frac{2}{14} = \frac{4}{?}$$

A

28

B

26

C

31

D

27

E

32

F

23

3

6:8

A

2:3

B

5:3

C

7:6

D

3:4

4

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

boys : 10

girls : 4

A

2:5

B

5:2

C

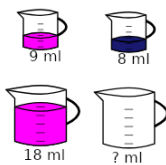
7:11

D

2:10

5

This paint color needs 8 ml of blue for every 9 ml of magenta. How much blue is needed if you have 18 ml of magenta



A 20 ml

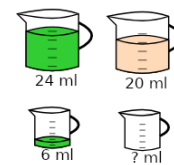
B 10 ml

C 16 ml

D 14 ml

6

This smoothie needs 20 ml of peach for every 24 ml of lime. How much peach is needed if you have 6 ml of lime



A 5 ml

B 7 ml

C 11 ml

D 3 ml

7

Compare these fractions and choose the right equality operator

$$\frac{6}{7} \bigcirc \frac{11}{21}$$

<, >, or =?

A

>

B

=

C

<

8

Compare these fractions and choose the right equality operator

$$\frac{1}{3} \bigcirc \frac{4}{9}$$

<, >, or =?

A

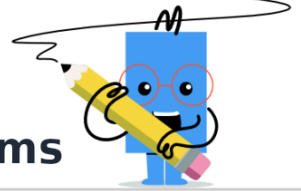
<

B

=

C

>



Compare ratios using equivalent forms

9

Compare these fractions and choose the right equality operator

$$\frac{4}{7} \bigcirc \frac{18}{21}$$

$<$, $>$, or $=$?

A

 $>$

B

 $<$

C

 $=$ **10**

Compare these fractions and choose the right equality operator

$$\frac{4}{5} \bigcirc \frac{9}{10}$$

$<$, $>$, or $=$?

A

 $>$

B

 $<$

C

 $=$ **11**

Compare these fractions and choose the right equality operator

$$\frac{2}{7} \bigcirc \frac{9}{14}$$

$<$, $>$, or $=$?

A

 $>$

B

 $<$

C

 $=$ **12**

Compare these fractions and choose the right equality operator

$$\frac{2}{3} \bigcirc \frac{3}{9}$$

$<$, $>$, or $=$?

A

 $=$

B

 $<$

C

 $>$