

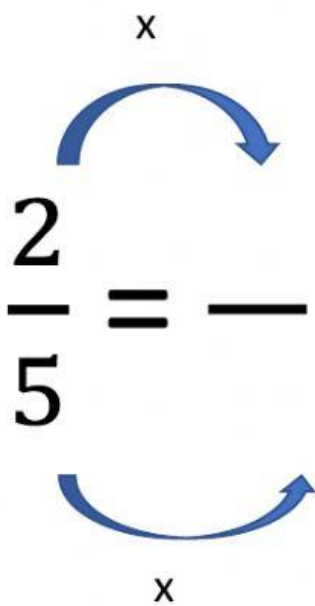
Fractions Assessment

You may use a calculator to help with your calculations

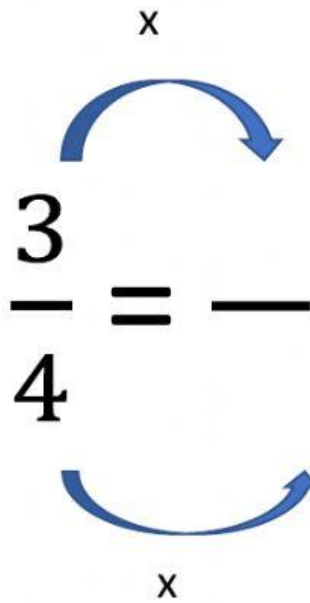


1) Make an equivalent fraction

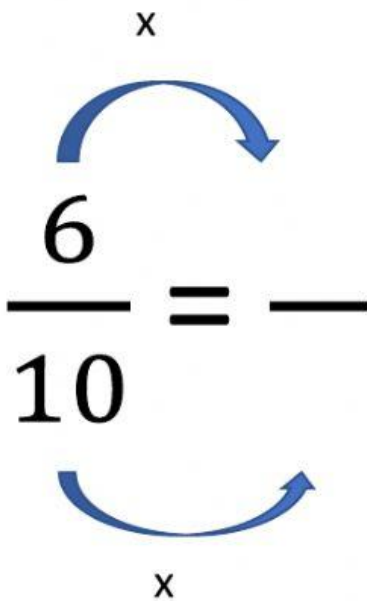
a)

$$\frac{2}{5} = \frac{\quad}{\quad}$$


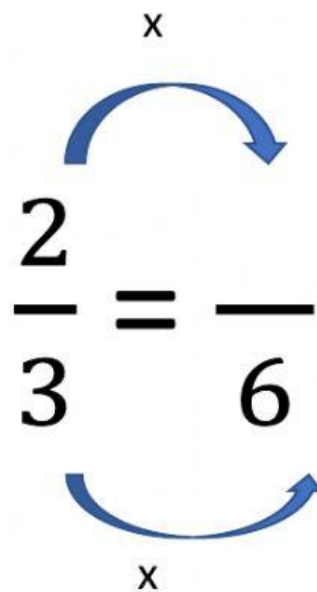
b)

$$\frac{3}{4} = \frac{\quad}{\quad}$$


c)

$$\frac{6}{10} = \frac{\quad}{\quad}$$


d)

$$\frac{2}{3} = \frac{\quad}{6}$$


1) Make an equivalent fraction

e)

$$\frac{3}{10} = \frac{\quad}{20}$$

The diagram shows the fraction $\frac{3}{10}$ followed by an equals sign and a fraction with denominator 20. A blue curved arrow points from the numerator 3 to the blank space in the numerator of the second fraction, with an 'x' above it. Another blue curved arrow points from the denominator 10 to the denominator 20, with an 'x' below it.

f)

$$\frac{1}{4} = \frac{\quad}{12}$$

The diagram shows the fraction $\frac{1}{4}$ followed by an equals sign and a fraction with denominator 12. A blue curved arrow points from the numerator 1 to the blank space in the numerator of the second fraction, with an 'x' above it. Another blue curved arrow points from the denominator 4 to the denominator 12, with an 'x' below it.

2) Add or subtract these fractions

a) $\frac{2}{5} + \frac{2}{5} = \text{---}$

b) $\frac{12}{15} - \frac{2}{15} = \text{---}$

c) $\frac{6}{11} + \frac{3}{11} = \text{---}$

d) $\frac{8}{9} - \frac{4}{9} = \text{---}$

3) Multiply or divide these fractions

Example:

$$2 \times \frac{3}{7} \rightarrow \frac{2}{1} \times \frac{3}{7} = \frac{6}{7}$$

a)

$$4 \times \frac{3}{10} \rightarrow \frac{\quad}{1} \times \frac{3}{10} = \frac{\quad}{\quad}$$

b)

$$6 \times \frac{2}{5} \rightarrow \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

c)

$$9 \times \frac{7}{11} \rightarrow \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Example:

$$\frac{2}{3} \div 4 \rightarrow \frac{2}{3} \times \frac{1}{4} = \frac{2}{12}$$

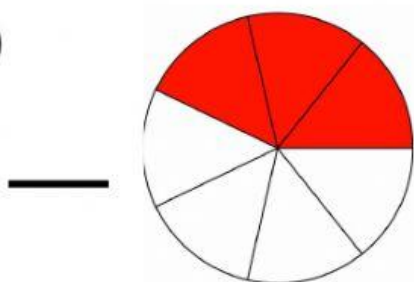
d) $\frac{4}{6} \div 2 \rightarrow \frac{4}{6} \times \frac{1}{\quad} = \quad$

e) $\frac{5}{9} \div 3 \rightarrow \quad \times \quad = \quad$

f) $\frac{5}{9} \div 3 \rightarrow \quad \times \quad = \quad$

4) Write the fraction for the shaded part.

a)



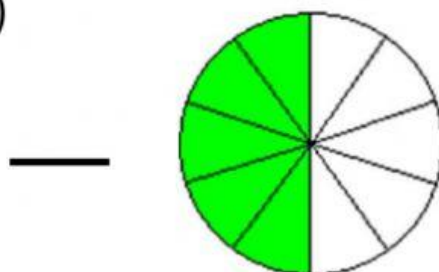
b)



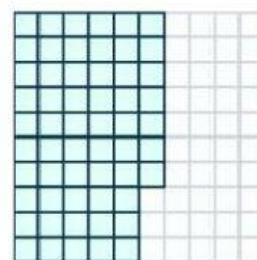
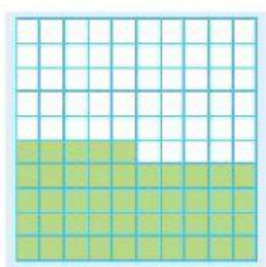
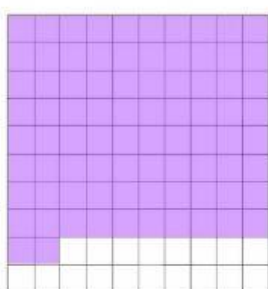
c)



d)



5) Write the fraction, percent and decimal for each



_____ %
 $\frac{\quad}{100}$ 0. _____

_____ %
 $\frac{\quad}{100}$ _____

_____ %
 $\frac{\quad}{100}$ _____

6) Write a ratio for each



a) Mushrooms to stars

b) Stars to flowers

c) Flowers to everything

ARE YOU SURE YOU'RE
DONE?!?!

SUBMIT BUTTON



***YOU
SURE
'BOUT
THAT?***

