

Can I identify equivalent fractions?

Fast Five

$6 + 5 =$

$14 \quad 14$

$$\begin{array}{r} 579 \\ + 456 \\ \hline \hline \end{array}$$

$57 \div 5 =$

$100 - \underline{\quad\quad\quad} = 38$

$5 \times 6 =$

$3 \times 6 =$

$10 \times 6 =$

Answers on the next slide

Fast Five

$$\begin{array}{r} \underline{6} + \underline{5} = \underline{11} \\ 14 \quad 14 \quad 14 \end{array}$$

$$\begin{array}{r} 579 \\ + 456 \\ \hline \underline{1035} \end{array}$$

$$57 \div 5 = 11 \text{ r } 2$$

$$100 - 62 = 38$$

$$5 \times 6 = 30$$

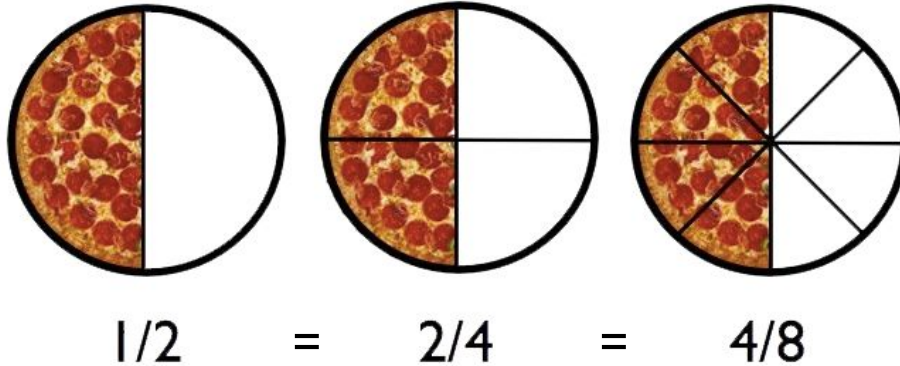
$$3 \times 6 = 18$$

$$10 \times 6 = 60$$

Equivalent fractions

Equivalent fractions are two different fractions whose value are the same.

E.g. E.g. These fractions all have a different numerator and a different denominator, but they show the same amount:



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How to figure out equivalent fractions

When figuring out equivalent fractions, you need to look at how the denominator has been multiplied, and then apply the same to the numerator.

E.g.

$$\begin{array}{ccccccc} & & \times 2 & & \times 2 & & \times 2 & & \\ & \frown & & \frown & & \frown & & \frown & \\ \underline{1} & = & \underline{2} & = & \underline{4} & = & \underline{8} & & \\ & & & & & & & & \\ 2 & & 4 & & 8 & & 16 & & \\ & \smile & & \smile & & \smile & & \smile & \\ & & \times 2 & & \times 2 & & \times 2 & & \end{array}$$

How to figure out equivalent fractions

When figuring out equivalent fractions, you need to look at how the denominator has been multiplied, and then apply the same to the numerator.

E.g.

$$\frac{1}{2} = \frac{4}{8}$$

The diagram illustrates the process of finding equivalent fractions. It shows the equation $\frac{1}{2} = \frac{4}{8}$. A curved line (arc) connects the numerator 1 to the numerator 4, with the label "x 4" above it. Another curved line (arc) connects the denominator 2 to the denominator 8, with the label "x 4" below it. This indicates that both the numerator and the denominator of the original fraction were multiplied by 4 to create the equivalent fraction.

How to figure out equivalent fractions

When figuring out equivalent fractions, you need to look at how the denominator has been multiplied, and then apply the same to the numerator.

E.g.

$$\frac{1}{3} = \frac{3}{9}$$

The diagram illustrates the process of finding equivalent fractions. It shows the equation $\frac{1}{3} = \frac{3}{9}$. A curved line connects the denominator 3 to the numerator 3, with the label "x 3" above it, indicating that the denominator was multiplied by 3. Another curved line connects the denominator 3 to the numerator 9, with the label "x 3" below it, indicating that the numerator was also multiplied by 3.

How to figure out equivalent fractions

When figuring out equivalent fractions, you need to look at how the denominator has been multiplied, and then apply the same to the numerator.

E.g.

$$\frac{\underline{2}}{5} = \frac{\underline{10}}{25}$$

The diagram illustrates the process of finding an equivalent fraction. It shows the fraction $\frac{2}{5}$ on the left and $\frac{10}{25}$ on the right, with an equals sign between them. The numerators 2 and 10 are underlined, and the denominators 5 and 25 are also underlined. A curved line connects the 2 to the 10, with "x 5" written above it. Another curved line connects the 5 to the 25, with "x 5" written below it.

Can you figure out the equivalent fractions

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

Answers on the next slide

Can you figure out the equivalent fractions

$$\begin{array}{ccc} & \times 3 & \\ \text{---}1 & = & \text{---}3 \\ & & \\ 4 & & 12 \\ & \times 3 & \end{array}$$