

The numerator tells us how many portions we have.

The denominator tells us how many equally sized parts the whole was divided into.

pizza so our numerator is 3. Our pizza has been cut into 8 equal pieces so our denominator is 8. When we **simplify** a fraction, we write a fraction using the smallest numbers possible.

The pizza on the right represents $\frac{3}{8}$. We have 3 slices of



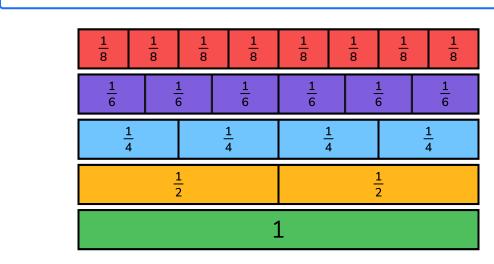
The number at the **bottom** of a fraction is the denominator.

For example, $\frac{2}{8}$ in its simplest form would be $\frac{1}{4}$. **Equivalent Fractions**

Equivalent fractions are fractions that represent the same portion of a whole.

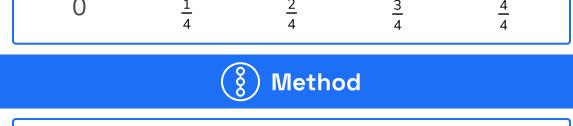
For example, if we eat **half** of a pizza, then we might have eaten $\frac{1}{2}$ or $\frac{2}{4}$ or $\frac{4}{8}$ of a pizza.

We can use fraction walls to help us find equivalent fractions. Each row is divided into equal parts. Sections that are the same size represent equivalent fractions.



We can also use number lines to visualise equivalent fractions. For example, we can

see that $\frac{6}{8}$ and $\frac{3}{4}$ are equivalent because they're at the same point on the number line.



Let's look at how we find an equivalent fraction!

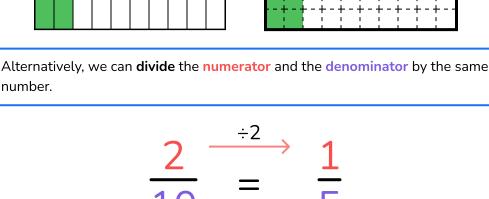
To work out an equivalent fraction, we multiply the numerator and the

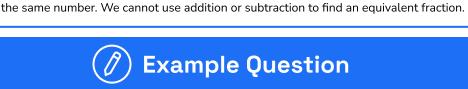
denominator by the same number.

number.

Remember!

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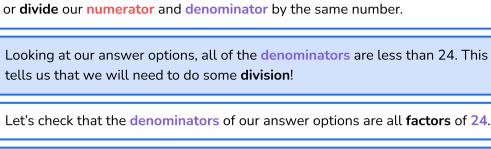




To find an equivalent fraction, we multiply or divide the numerator and denominator by

We need to find a fraction equivalent to $\frac{4}{24}$, so we will need to either multiply

Ato eats $\frac{4}{24}$ of a chocolate bar. Select the fraction which is equivalent to this.



We can rule out C $\frac{1}{10}$ and E $\frac{1}{20}$ because 10 and 20 are not factors of 24. If we

Let's find the fractions equivalent to $\frac{4}{24}$ that have denominators of 6, 8 and 12. 3

divided 24 by these numbers, our answer would not be a whole number.

