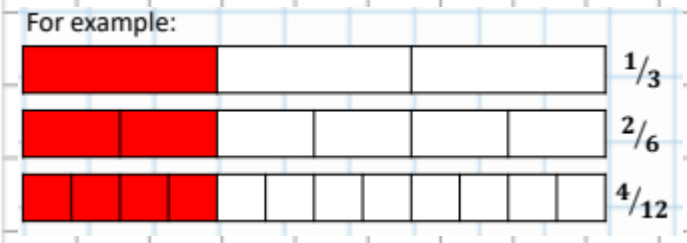
## Can I find equivalent fractions?

Remember: a fraction is a part of a whole. You can have a whole chocolate bar which is split into 5 equal parts – each part, we would call $\frac{1}{5}$

Step 1

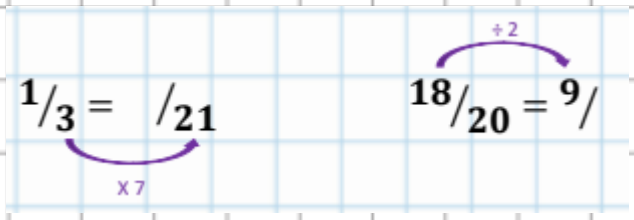
Equivalent fractions are fractions which are worth the same amount but are written in different terms.

For example:




Step 2

To find an equivalent fraction, you need to find a pattern between either the numerators (top numbers) or the denominators (bottom numbers) you have been given.




Step 3

Whatever the pattern is for the numerator / denominator, is the same for the missing part.

Remember our fraction rule:

"Whatever you do to the top, do the same to the bottom (and vice versa)"


Now have a go at finding the equivalent fractions in the table by identifying the pattern between the numerators or denominators given. Always go back to the original fraction when finding the second equivalent.

| Original | Equivalent | Equivalent |
|---|---|---|
| $\frac{2}{5}$ | $/_{10}$ | $/_{25}$ |
| $\frac{12}{20}$ | $\frac{3}{}$ | $/_{10}$ |
| $\frac{4}{16}$ | $/_{4}$ | $\frac{8}{}$ |
| $\frac{6}{10}$ | $/_{5}$ | $\frac{9}{}$ |
| $\frac{3}{4}$ | $/_{20}$ | $\frac{12}{}$ |
| $\frac{1}{2}$ | $/_{50}$ | $\frac{13}{}$ |
| $\frac{1}{5}$ | $\frac{4}{}$ | $/_{55}$ |
| $\frac{16}{30}$ | $\frac{8}{}$ | $/_{300}$ |
| $\frac{3}{9}$ | $\frac{1}{}$ | $\frac{6}{}$ |
| $\frac{6}{8}$ | $/_{4}$ | $/_{36}$ |
| $\frac{2}{14}$ | $\frac{1}{}$ | $/_{21}$ |
| $\frac{30}{50}$ | $\frac{3}{}$ | $/_{30}$ |

| Original | Equivalent | Equivalent |
|---|---|---|
| $\frac{2}{5}$ | $\frac{4}{10}$ | $\frac{10}{25}$ |
| $\frac{12}{20}$ | $\frac{3}{5}$ | $\frac{6}{10}$ |
| $\frac{4}{16}$ | $\frac{1}{4}$ | $\frac{8}{32}$ |
| $\frac{6}{10}$ | $\frac{3}{5}$ | $\frac{9}{15}$ |
| $\frac{3}{4}$ | $\frac{15}{20}$ | $\frac{12}{16}$ |
| $\frac{1}{2}$ | $\frac{25}{50}$ | $\frac{13}{26}$ |
| $\frac{1}{5}$ | $\frac{4}{20}$ | $\frac{11}{55}$ |
| $\frac{16}{30}$ | $\frac{8}{15}$ | $\frac{160}{300}$ |
| $\frac{3}{9}$ | $\frac{1}{3}$ | $\frac{6}{18}$ |
| $\frac{6}{8}$ | $\frac{3}{4}$ | $\frac{27}{36}$ |
| $\frac{2}{14}$ | $\frac{1}{7}$ | $\frac{3}{21}$ |
| $\frac{30}{50}$ | $\frac{3}{5}$ | $\frac{18}{30}$ |