

Reminder: **Numerator** = 1
Denominator = 4

A fraction is a part of a whole.

You can watch Mr Button's demonstration on how to calculate fractions of amounts on our Year 4 Home Learning page!



Finding fractions of amounts

- 1/2 of 24 =
- 1/3 of 27 =
- 1/4 of 20 =
- 2/4 of 32 =
- 2/3 of 30 =

- 3/5 of 25 =
- 5/6 of 18 =
- 7/8 of 32 =
- 2/6 of 36 =
- 3/4 of 48 =

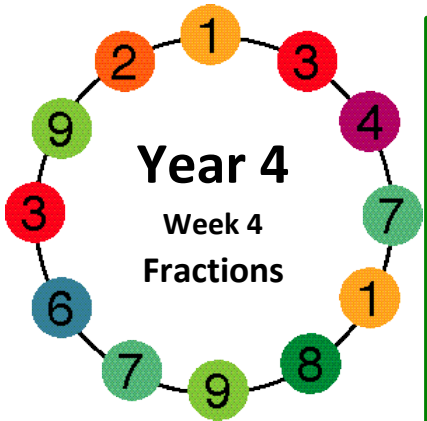
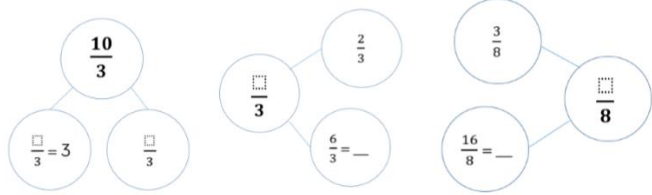
Would you rather have:
 4/6 of £48?
 or
 5/8 of £48?

Fractions bigger than a whole

Write sentences to describe these part whole models.

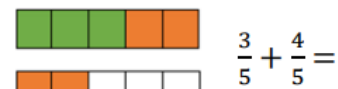


Complete the part whole models.



Adding Fractions

Use the models to add the fractions:



EXAMPLES

Choose your preferred model to add:

$\frac{2}{5} + \frac{1}{5}$ $\frac{3}{7} + \frac{6}{7}$ $\frac{7}{9} + \frac{4}{9}$

Always, Sometimes, Never

Equivalent fractions have the same value even if they have different denominators. If talking about fractions of a shaded shape, they take up the same amount of space. Investigate this statement from Lizzie. Can you prove it? If she's right, is this the only way to find an equivalent fraction?

To find an equivalent fraction, you can just double the numerator and the denominator.



This gets tougher after the first 3 levels but give yourself a challenge! https://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher_en.html

Use the arrow keys to match fractions of amounts: https://mathsframe.co.uk/en/resources/resource/292/Montys_Maths_Wall