Represent it!

In maths, we can represent fractions of amounts using everyday objects from around our home.

In this example, $\frac{1}{5}$ of 5 is represented.

To find a fifth of the quantity, divide by five $(5 \div 5 = 1)$

One stripy hat out of five in total represents one fifth.

In this example, $\frac{2}{3}$ of 12 is represented by orange splats.

To find two thirds of the quantity, first divide the quantity into thirds $(12 \div 3 = 4)$.

To find two thirds, multiply a third by two $(4 \times 2 = 8)$

8 orange splats out of 12 splats in total represent two thirds of twelve.

Let's do this!

Time 2 minutes. Can you beat the clock to represent the fraction?

one half of 8	one sixth of 12	two fifths of 15
three quarters of 16	three ninths of 9	five sixths of 18
one seventh of 14	two tenths of 10	four eighths of 24
ten elevenths of 22	a fourth of 20	a twelfth of 36

Challenge

Can you simplify any of the fractions of amounts?

E.g. three sixths of 18 <u>is equal to</u> one half of 18.