Fractions of amounts

Look at the number

Find the denominator

Dive the whole number by the denominator Multiply the answer by the numerator!

Mild

$\frac{1}{3}$ of 27	$\frac{1}{2}$ of 70
$\frac{1}{4}$ of 60	$\frac{1}{4}$ of 200
$\frac{1}{10}$ of 60	$\frac{1}{5}$ of 5
$\frac{1}{2}$ of 74	$\frac{1}{10}$ of 40
$\frac{1}{3}$ of 36	$\frac{1}{3}$ of 33
$\frac{\frac{1}{3} \text{ of } 27}{\frac{\frac{1}{4} \text{ of } 60}{\frac{1}{10} \text{ of } 60}$ $\frac{\frac{1}{2} \text{ of } 74}{\frac{1}{3} \text{ of } 36}$ $\frac{\frac{1}{5} \text{ of } 65$ $\frac{1}{4} \text{ of } 56$	$\frac{1}{5}$ of 25
$\frac{1}{4}$ of 56	$\frac{1}{4}$ of 36

HOT

- 1. In a flower shop, $\frac{7}{12}$ of the tulips are red. If there are 805 red tulips, how many tulips are there in total in the shop?
- 3. In the crowd of spectators at a football match, $\frac{3}{4}$ of the people have scarves on.
 - If there are 1644 people wearing scarves, how many people are there in total watching the match?
- 5. In a crate of marbles, $\frac{2}{3}$ of the marbles are blue.
 - If there are 1578 blue marbles, how many marbles are there in the crate in total?

- 2. In the local town, $\frac{6}{8}$ of the houses have a green front door.
 - If there are 768 green front doors, how many houses are there in the town in total?
- 4. In a car park, $\frac{4}{7}$ of the vehicles have a sun roof.

If there are 1548 vehicles with sun roofs, how many vehicles in total are there in the car park?

6. Daniel swam $\frac{9}{10}$ of the distance needed to receive his next swimming badge.

If he swam 4950 metres, what was the total distance needed to receive the badge?

Spicy

$$\frac{2}{3}$$
 of 21m =

(b)
$$\frac{3}{4}$$
 of £24 =

(c)
$$\frac{4}{5}$$
 of \$25 =

$$\frac{5}{6}$$
 of 36cm =

$$\frac{5}{6}$$
 of 36cm = (e) $\frac{2}{3}$ of 30km =

(f)
$$\frac{3}{8}$$
 of £32 =

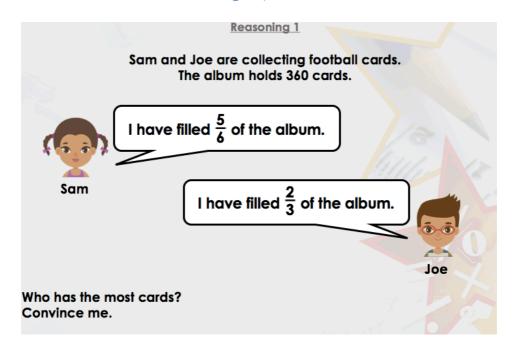
$$\frac{2}{5}$$
 of 35m =

(g)
$$\frac{7}{8}$$
 of £40 =

(i)
$$\frac{2}{9}$$
 of £72 =

Fractions of amounts

Challenge questions!



When would you use fractions of amounts in real life?

How many examples can you give?