

Fractions and division

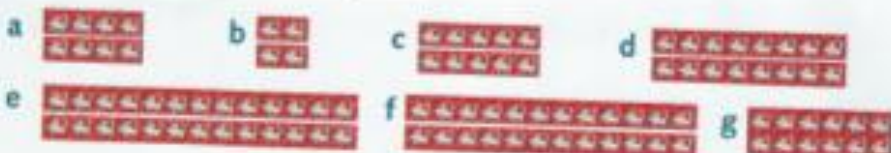
Recognise, find and write unit fractions of a set of objects



Challenge

1

Find half of each set of stamps.



Example



$$\frac{1}{2} \text{ of } 6 = 3$$

Challenge

2

1 Find half of these numbers. Write your answer as a division calculation and as a fraction calculation.

a 14 b 18 c 24 d 28 e 34
f 36 g 40 h 46 i 42 j 54

Example

$$12 \div 2 = 6$$

$$\frac{1}{2} \text{ of } 12 = 6$$

2 Find a quarter of these numbers. Write your answer as a division calculation and as a fraction calculation.

a 12 b 20 c 24 d 32 e 40

Example

$$12 \div 4 = 3$$

$$\frac{1}{4} \text{ of } 12 = 3$$

3 Find a third of these numbers. Write your answer as a division calculation and as a fraction calculation.

a 18 b 27 c 36 d 21 e 42 f 48

Example

$$24 \div 3 = 8$$

$$\frac{1}{3} \text{ of } 24 = 8$$

4 Explain how you know what to divide by to find a fraction of any number.

Challenge

3

1 What fractions of each of these numbers can you find? Write all the possibilities. Write your answers as a division calculation and as a fraction calculation.

a 15 b 20 c 24 d 27 e 32 f 40

2 Write three top tips for finding fractions of numbers.