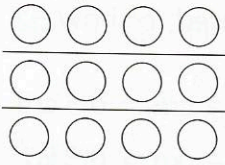


TARGET To find fractions of a set of objects and quantities.

Examples



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

$$\frac{1}{4} \text{ of } 28 = 28 \div 4 = 7$$

$$\frac{3}{4} \text{ of } 28 = (28 \div 4) \times 3 = 7 \times 3 = 21$$

A

Use the diagram to help you find:

1 $\frac{1}{2}$ of 8

2 $\frac{1}{4}$ of 8

3 $\frac{1}{3}$ of 15

4 $\frac{1}{5}$ of 15

5 $\frac{1}{2}$ of 6

6 $\frac{1}{3}$ of 6

7 $\frac{1}{3}$ of 12

8 $\frac{1}{4}$ of 12

9 $\frac{1}{2}$ of 18

10 $\frac{1}{3}$ of 18

11 $\frac{1}{6}$ of 18

12 $\frac{1}{4}$ of 20

13 $\frac{1}{5}$ of 20

14 $\frac{1}{2}$ of 20

15 Draw a diagram to help you find:

- $\frac{1}{4}$ of 16
- $\frac{1}{8}$ of 16
- $\frac{1}{2}$ of 16

B

Copy and complete.

1 $\frac{1}{3}$ of 24 = $24 \div 3$
=

2 $\frac{1}{5}$ of 30 = $\div 5$
=

3 $\frac{1}{2}$ of 18 = $18 \div$
=

4 $\frac{1}{4}$ of 32 = $\div 4$
=

5 $\frac{1}{10}$ of 50 = \div
=

6 $\frac{1}{8}$ of 24 = \div
=

Work out

7 $\frac{1}{5}$ of 25 cm

8 $\frac{1}{2}$ of 40 g

9 $\frac{1}{4}$ of 24 litres

10 $\frac{1}{3}$ of 30p

11 $\frac{1}{10}$ of 70 m

12 $\frac{1}{6}$ of 30 seconds

13 $\frac{1}{3}$ of 27 kg

14 $\frac{1}{5}$ of 40 mm

15 $\frac{1}{8}$ of £32

16 $\frac{1}{4}$ of 60 minutes

C

Copy and complete.

1 $\frac{3}{4}$ of 16 = $(16 \div 4) \times 3$
= $\times 3$
=

2 $\frac{9}{10}$ of 50 = $(50 \div 10) \times 9$
= \times
=

3 $\frac{5}{6}$ of 36 = $(36 \div 6) \times 5$
= \times
=

4 $\frac{3}{8}$ of 40 = $(40 \div 8) \times$
= \times
=

Work out

5 $\frac{2}{3}$ of £24

6 $\frac{3}{5}$ of 50p

7 $\frac{7}{10}$ of 80 m

8 $\frac{4}{9}$ of 45 kg

9 $\frac{5}{6}$ of 5.4 cm

10 $\frac{7}{8}$ of £16

11 $\frac{3}{4}$ of 36p

12 $\frac{6}{7}$ of 210 m

13 $\frac{4}{5}$ of 100 g

14 $\frac{2}{9}$ of £7.20