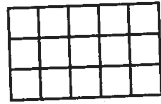


TARGET To find fractions of numbers and quantities.

Examples

$$\frac{1}{3} \text{ of } 15 = 15 \div 3 = 5$$

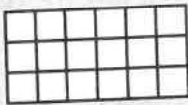


$$\frac{2}{3} \text{ of } 15 = (15 \div 3) \times 2 = 5 \times 2 = 10$$

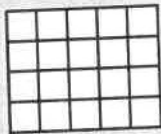
$$\frac{7}{10} \text{ of } 60 = (60 \div 10) \times 7 = 6 \times 7 = 42$$

A

Use the array to help you find the answer.



- 1 $\frac{1}{3}$ of 18
- 2 $\frac{1}{6}$ of 18



- 3 $\frac{1}{4}$ of 20
- 4 $\frac{1}{5}$ of 20

Find $\frac{1}{10}$ of:

- 5 40
- 6 100
- 7 60
- 8 90.

Find $\frac{1}{5}$ of:

- 9 15
- 10 40
- 11 30
- 12 55.

Find $\frac{1}{3}$ of:

- 13 12
- 14 24
- 15 15
- 16 36.

Find $\frac{1}{4}$ of:

- 17 24
- 18 16
- 19 40
- 20 28.

B

Find

- 1 $\frac{1}{3}$ of 24
- 2 $\frac{2}{3}$ of 24
- 3 $\frac{1}{4}$ of 12
- 4 $\frac{3}{4}$ of 12
- 5 $\frac{1}{5}$ of 25
- 6 $\frac{4}{5}$ of 25
- 7 $\frac{1}{10}$ of 30
- 8 $\frac{9}{10}$ of 30
- 9 $\frac{5}{8}$ of 16
- 10 $\frac{2}{3}$ of 30
- 11 $\frac{5}{6}$ of 24
- 12 $\frac{3}{4}$ of 36
- 13 $\frac{4}{7}$ of 35
- 14 $\frac{3}{10}$ of 70
- 15 $\frac{7}{12}$ of 36
- 16 $\frac{2}{5}$ of 45

17 There are 12 eggs in a box. Five sixths are used. How many eggs have been used?

18 An orchard has 48 trees. Three eighths are in bud. How many trees are in bud?

19 A hospital has 400 beds. Ninety-nine hundredths are occupied. How many beds are occupied?

20 There are 27 children in a class. Eight ninths are at school. How many children are at school?

C

Find

- 1 $\frac{5}{6}$ of 54
- 2 $\frac{7}{8}$ of 56
- 3 $\frac{3}{7}$ of 42
- 4 $\frac{4}{9}$ of 72

5 $\frac{7}{10}$ of 1 metre

6 $\frac{3}{5}$ of £2.00

7 $\frac{99}{100}$ of 1 kg

8 $\frac{5}{11}$ of £13.20

9 There are 80 questions in a test. Curtis answers three fifths of the questions correctly. How many does he get wrong?

10 A football match lasts for 90 minutes. The first goal is scored after five sixths of the playing time. How much time is left?

11 There are 420 g of potatoes. Two sevenths of the potatoes is removed when they are peeled. What is the weight of the peeled potatoes?

12 A coach is travelling 225 km. It stops at a service station after five ninths of the journey is completed. How much further is there to go?