

# FRACTIONS OF AMOUNTS

## Task 1

- 1) What is  $\frac{1}{2}$  of 20?
- 2) What is  $\frac{1}{3}$  of 27?
- 3) What is  $\frac{1}{4}$  of 36?
- 4) What is  $\frac{1}{8}$  of 64?
- 5) What is  $\frac{1}{10}$  of 50?

18)  $\frac{2}{5}$  of a number is 18. What is the number?

19) A packet of sweets contains 60 sweets. Alex eats  $\frac{1}{3}$  of them and Jamie eats  $\frac{1}{4}$  of the remainder. How many sweets does Jamie eat?

20) A class of 40 students went on a trip.  $\frac{4}{5}$  of them brought lunch from home.  $\frac{1}{2}$  of the remaining students bought lunch at the venue. How many students bought lunch at the venue?

## Task 2

- 6) What is  $\frac{2}{3}$  of 30?
- 7) What is  $\frac{3}{4}$  of 28?
- 8) What is  $\frac{5}{6}$  of 60?
- 9) What is  $\frac{2}{5}$  of 40?
- 10) What is  $\frac{6}{7}$  of 63?
- 11) What is  $\frac{4}{5}$  of 25?
- 12) What is  $\frac{5}{8}$  of 64?
- 13) What is  $\frac{7}{10}$  of 70?
- 14) What is  $\frac{5}{6}$  of 72?
- 15) What is  $\frac{6}{10}$  of 90?

21) A shop sells 120 pens.  $\frac{1}{3}$  are red,  $\frac{1}{4}$  are blue, and the rest are black. How many pens are black?

22) A farmer sells  $\frac{3}{5}$  of his apples on Monday, and then  $\frac{1}{2}$  of the remaining on Tuesday. If he started with 150 apples, how many does he have left after Tuesday?

23) There are 1,260 people at a theme park. 438 of them are adults. 387 of them are teenagers. The rest are children.  $\frac{2}{3}$  of the children are girls. Work out how many boys are at the theme park.

24) The normal price of a cinema ticket is £18.00. Leila uses a student discount card that gives her  $\frac{1}{4}$  off the ticket price. Work out how much Leila pays for her ticket.

## Task 3

- 16)  $\frac{1}{3}$  of a number is 12. What is the number?
- 17)  $\frac{3}{4}$  of a number is 60. What is the number?