

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?

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?

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?

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?

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.