

Single-Step Problems Involving Simple Fractions

- 1 A chocolate cake is cut into twelve equal pieces. Mr Greedy eats five pieces at break time with his mug of tea. What fraction of the cake is left?
- 2 Three-quarters of the class understand the question. What fraction of the class doesn't understand?
- 3 One half of the school wear school sweatshirts. Another quarter wear school jumpers. What fraction of the school wears neither?
- 4 Mr Dunk buys some biscuits. He pays for them with a ten-pound note and gets seven tenths back in change. How much change does he get?
- 5 Half of a box of chocolates has been eaten. If the box now has 17 chocolates how many were in the full box?
- 6 Tickets to see "Top of the Pops" are usually £12. They are on sale today for half price. How much will the tickets cost now?
- 7 John is eight years old. His sister is a quarter of his age? John's favourite colour is red. How old is John's sister?
- 8 A third of the class have pets. 4 of the class have hamsters. There are 27 pupils in the class. Five people in the class have green eyes. How many pupils have pets?
- 9 One fifth of the fifty-five pupils in football club are girls. How many girls are in the football club?
- 10 Three tenths of the class were late handing in their maths homework. What fraction handed their work in on time? Give your answer in hundredths.

Extension

A quarter of the class have school dinners. The rest have packed lunch. Dinnertime is between 12 and 1pm. If there are 28 pupils in the class how many have packed lunch?