

16. Abdul bought three plates and three mugs. If each plate cost him 30 cents more than each mug and if he paid \$2.40 altogether, find the cost of each mug.

17. A father is now four times as old as his son. If the sum of their ages ten years ago was sixty, find their present ages.

18. A man bought 20 books. Some cost 18 dollars each and the others cost 3 dollars each. If he spent 210 dollars in all, how many of the 3-dollar books did he buy?

19. A boy is three years younger than his sister. If his age three years ago was two-thirds her age at that time, what are their present ages?

- \*20. John bought a certain number of apples at 30¢ each and he had \$3 left. If he bought the same number of pears at 40¢ each instead of the apples, he would be short of \$1. How many apples did he buy?

- \*21. There were 50 more pupils who took the mathematics test than the geography test.  $\frac{1}{5}$  of those who took the mathematics test were girls and  $\frac{1}{4}$  of those who took the geography test were girls. If the number of girls who took the mathematics test was 6 more than the number of girls who took the geography test, find the number of pupils who took the mathematics test.

- \*22. Meatballs and fishballs were sold in packets, each packet containing the same number of meatballs or fishballs. Meatballs were priced at 4 pieces for \$1 and fishballs at 6 pieces for \$1. A man had just enough money to buy 2 packets of meatballs and 1 packet of fishballs. He needed one more dollar if he were to buy 3 packets of meatballs instead. Find the number of meatballs or fishballs in a packet.

- \*23. A man has just enough money to buy 20 mangoes or 30 oranges. If he wants to buy equal numbers of mangoes and oranges, how many of each type can he buy with the money?

## Chapter Review

### Equations

Solving an equation involves four tasks:

1. Remove all brackets and simplify.