

# Word problems 1

● Solve word problems

Solve these word problems.

- 1 The Ocean Princess cruise liner holds 2648 passengers and 387 crew. When the ship docks at Monte Carlo harbour, 1243 passengers and 109 crew get off for a visit. How many people are left on the ship?
- 2 The Martin Hotel has 197 single rooms, 538 double rooms and 104 family rooms. How many rooms are there for rent in the hotel?
- 3 To make a kilo of strawberry ice-cream you mix 568 g of strawberries, 284 g of double cream, 29 g of lemon juice together with sugar and place it in the freezer, stirring it every half hour. How much sugar do you use?
- 4 56 549 people attended the Cannes Film Festival. Of these, 12 403 were producers and directors, 18 187 cameramen and technicians, 4297 journalists and 1689 film stars. The remainder were film fans. How many fans attended the festival?
- 5 The Pacific Ocean has an average depth of 3939 m. The Sea of Japan has an average depth of 1667 m. On average how much deeper is the Pacific Ocean than the Sea of Japan?
- 6 A local library has 32 648 fiction books and 27 574 non fiction titles. On the 17th June a total of 6248 books were out on loan. How many books were still in the library?
- 7 In 1912, 1517 people disappeared off the Titanic steamer. Three years later in 1915, 1198 people disappeared off the Lusitania steamer, and in 1917, 804 people disappeared off the battleship Vanguard. How many people altogether disappeared from the 3 ships?
- 8 A football stadium can hold 8410 people. It has four stands. Stand A holds 2468 people. Stand B holds 1612 people. Stand C holds 2537 people. How many people does Stand D hold?
- 9 The London Underground was opened in 1863 and is about 394 km in length. The New York Underground was opened in 1867 and is about 389 km in length. The Paris Underground was opened in 1900 and is about 199 km. What is the total length of all three Undergrounds?
- 10 CD World hope to sell 35 000 CDs this year. So far they have sold 11 298 rock CDs, 5083 classical CDs and 842 jazz CDs. How many more CDs do they need to sell before they reach their target?
- 11 Three airports service a large city. During one week, one airport dealt with 128 498 passengers, another with 97 581 and the third with 205 405. How many people did the three airports deal with during the week?
- 12 Tony and the Labourers did three concerts on their recent tour to London. On the Monday night they sold 3891 tickets, on the Wednesday night 5347 tickets, and on the Friday night 8212 tickets.
  - a What was the difference in the number of tickets they sold between the most and the least popular nights?
  - b If the hall in which they were performing could hold a maximum of 8500 people, how many more tickets could they have sold each night?
  - c How many more tickets could they have sold for all three nights?