Real-life multiplication problems
(whole numbers)

- **Use any written method of your choice**
- **Do not use a calculator**

1. France is the world's top tourist spot with 78m visitors 2006. If the numbers remain stable, how many people will visit France in the next 3 years?

2. You travel 48 miles each day to get to college and back. How many miles do you travel in 5 days?

3. A coach company charges £37 per ticket for a trip. 42 people buy tickets. How much money is this altogether?

4. A smoker uses 26 cigarettes a day. How many cigarettes is this in a year?

5. The rent on a flat is £425 per month. How much would that cost over 3 years?

When you have worked these out, check them by dividing, using a calculator.

This resource kindly contributed by Janet Wilkins, Royal Forest of Dean College janet_w@rfdc.ac.uk

Real-life division problems
(whole numbers)

- **Use any written method of your choice**
- **Do not use a calculator**

6. A market research company employs 8 people to carry out 2000 interviews. How many people will they each interview if they share the work equally?

7. 16 people in a lottery syndicate win a total of £6,592. The winnings are shared equally so how much does each person get?

8. You are buying drinks for a party. Red Bull is being sold in packs of 12 and you need 156 cans. How many 12-packs will you need to buy.

9. Tickets for a festival cost £13 each. £162,825 is taken in ticket sales. How many tickets were sold?

10. A local magazine printed 32,560 copies. Six distributors take an identical number of copies. How many copies does each take and how many magazines will be left over?

When you have worked these out, check them by multiplying, using a calculator.

This resource kindly contributed by Janet Wilkins, Royal Forest of Dean College janet_w@rfdc.ac.uk

Real-life multiplication & division problems

Answer sheet

1. 78 x 3 = 234 m visitors
2. 48 x 5 = 240 miles
3. 37 x 42 = £1554
4. 365 x 26 = 9490 cigarettes
5. 425 x 36 = £15,300
6. 2000 ÷ 8 = 250
7. 6592 ÷ 26 = £412 each
8. 156 ÷ 12 = 13 packs
9. 162825 ÷ 13 = 12525 tickets
10. 32560 ÷ 6 = 5426 remainder 4

This resource kindly contributed by Janet Wilkins, Royal Forest of Dean College janet_w@rfdc.ac.uk