ord problems (2)

Solve problems involving addition, subtraction, multiplication and division

nge

Write in the missing operator.

a 4 ⭐ 80 = 320

b 640 ⭐ 80 = 8

c 110 ⭐ 30 = 80

d 600 = 120 ⭐ 5

e 70 ⭐ 80 = 150

f 120 ⭐ 30 = 90

g 7200 = 90 ⭐ 80

h 3200 ⭐ 80 = 40

i 4800 ⭐ 8 = 600

j 1500 ⭐ 300 = 5

k 960 ⭐ 120 = 840

l 3500 ⭐ 140 = 3640

nge

A bakery produces a variety of cakes to sell each day. Answer these questions about their products.
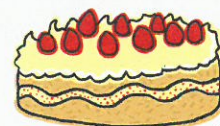
Baked cheesecake: £23

Chocolate gateau: £36

Cupcake tree: £48

Carrot cake: £29

Strawberry gateau: £37

Fruit flan: £25

a The bakery sells 28 chocolate gateaux on Monday. How much money do they take on the sales of chocolate gateau?

b On Friday John is having a party. He buys 15 fruit flans and 26 cupcake trees. How much does he spend?

c The bakery is open 7 days a week. It sells 6 cheesecakes each day. How much money does it take on the sales of cheesecake?

d If you buy 12 carrot cakes and 18 fruit flans, how much change do you receive from £1000?

e Would it cost more to buy 16 cupcake trees or 23 strawberry gateaux? What is the difference in cost?

f If you buy 1 of each product, what is the total cost?

g. The bakery has a sale: "Buy 3 get 1 free." Maryam takes home 16 chocolate gateaux. How much does she spend?

h You have a budget of £250 for an afternoon tea party. What would you buy?

i Niall has £130 to spend on carrot cakes. How many cakes can he buy? How much change will Niall receive?

Challenge 3 Find the answers to these problems.

a Janet buys 2 cakes, each at the same price. She pays with a £10 note and gets £2.70 change. What is the cost of 1 cake?

b Jana and William spend the same amount of money at a bakery. William buys 1 large cake for £12. Jana buys 5 cupcakes, which are all the same price, and 1 large cake. The large cake Jana buys costs £6. How much does 1 cupcake cost?

c Sue buys 3 chocolate cookies and 2 coconut macaroons. She spends £3.75 altogether. If the macaroons cost 48p each, how much do the chocolate cookies cost each?