

Solving word problems (3)

Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. Use all four operations to solve problems involving money using decimal notation, including scaling.



Follow the instructions on the cards to find the final number.

Start											Final
6	$\times 4$	$\times 5$	$\times 10$	$\div 100$	$\times 12$	$\div 4$	$\times 6$	$\div 3$	$\times 2$	$\div 12$?

1 The shoe shop has 14 pairs of trainers to sell at a cost of £56 each. How much money would they take if they sold them all?



2 The electronics shop has portable radios on sale at 'Buy one get one half price'. John buys 2 radios. A radio costs £78. How much does he pay?



3 The electronics shop sells televisions.

a A 42 inch television costs 3 times more than a 22 inch television. If the 42 inch television costs £681, how much does the 22 inch television cost?

b The electronics shop sold 8 of the 42 inch televisions and 7 of the 22 inch televisions at the weekend. How much money did they take?



4 One day the sandwich bar sells 100 ham and cheese rolls at a cost of £1.59 each. How much money do they take from the sale of the rolls?



5 Johan buys a watch for one-third of its original price. He pays £456. What was the original price of the watch?



6 In the jewellery shop, 1 pair of earrings costs £246. However, they have a special offer of 3 pairs of earrings for the price of 2. How much does this work out at per pair of earrings if you purchase 3?

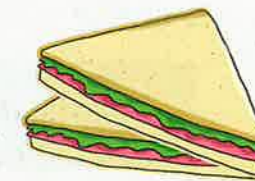
7 Sanjay spends £85 on shirts. All shirts are half price. He buys 10 shirts. What was the original cost of each shirt?

Challenge 3

1 A designer watch costs 3 times more than a standard watch. Together they cost £700. What is the cost of the designer watch?



2 John has £30 to spend on sandwiches for his friends. Sandwiches cost £3.35 each. How many sandwiches can he buy? How much money does he have left?



3 Nazmin bought three of the same cakes and a milkshake. The total cost was £7.40. The milkshake cost £2.90. How much did each cake cost?

