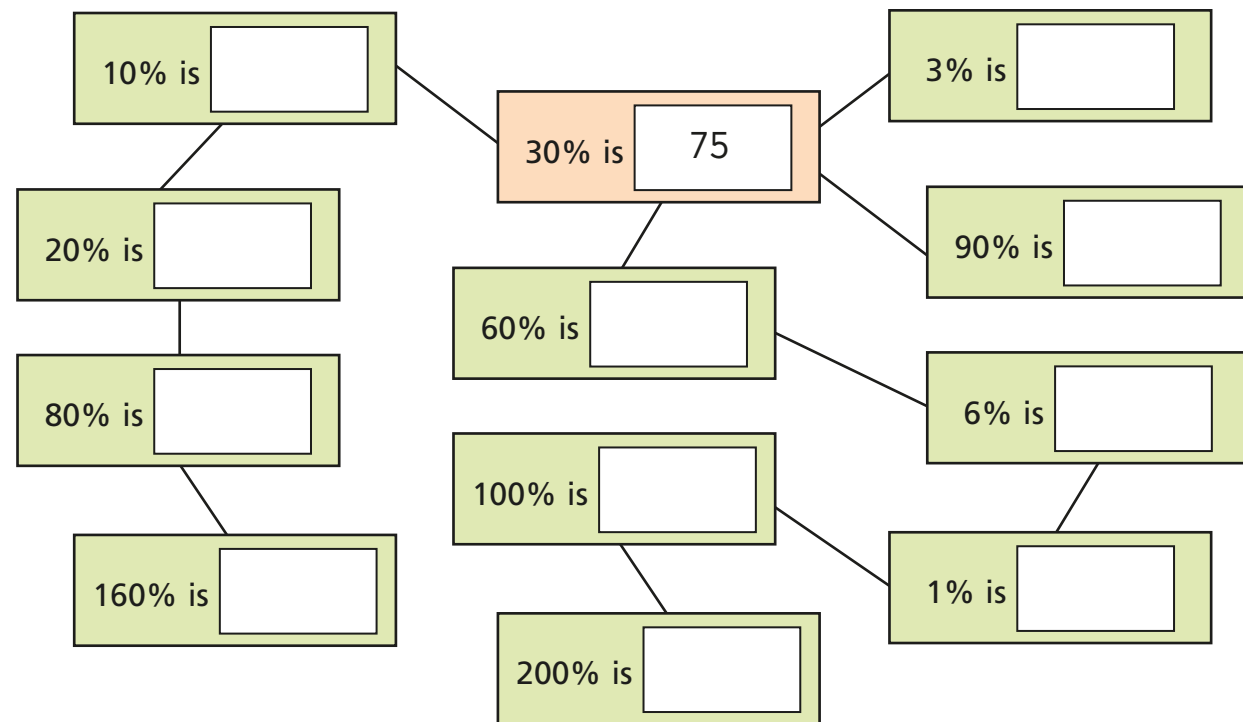


Find the original amount given the percentage less than 100%

1 Complete the spider diagram.



What strategies did you use to find the missing numbers?

What other percentages can you easily work out?

2 Dani spends £10 on a book. This is 40% of her pocket money.



a) What percentage of her pocket money does Dani have left?

%

b) How much is 10% of Dani's pocket money?

£

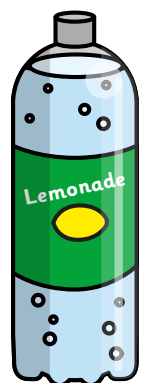
c) How much pocket money did Dani receive to start with?

£

3 Tom answers 80% of the questions on a test correctly. He answers 48 questions correctly. How many questions are there on the test?

questions

4 a) A special offer bottle of lemonade contains 10% more liquid than a normal bottle. The special offer bottle contains 60 ml more than the normal bottle. How much does the normal bottle contain? Circle your answer.



660 ml

66 ml

600 ml

540 ml

- b) The amount of sugar in a normal bottle has been reduced by 20%.
The bottle now contains 56 g of sugar.
How much sugar did the normal bottle contain before the reduction?
Circle your answer.

70 g 11.2 g 68.2 g 44.8 g

- c) The cost of a case of lemonade is reduced by 30%.
The discount on a case of lemonade is £10.80
How much does the case of lemonade cost before the discount?
Circle your answer.

£32.40 £14.04 £36.00 £25.20

- 5 The prices of all season tickets for a football team increased by 4%.
The price of the season ticket for the North Stand increased by £25.50
Work out the price of the season ticket for the North Stand before this increase.

£

- 6 Brett works in a shop.
He gets 12% staff discount on anything he buys from the shop.
He buys some clothes from the shop and gets £27.60 staff discount.
a) How much would he have paid if the clothes had been full price?

£

- b) How much did he pay for the clothes?

£

- 7 There are 7 students absent from Class 8.
This is 20% of the class.
How many students are present?

students