

Mental multiplication strategies

Solve these word problems.

- 1 For a school football tournament, 47 oranges are cut into quarters. How many quarters are there?



- 2 Filip cycled 28km every day for 4 days. How far did he cycle?

- 3 A plant was 17 cm tall. In one month its height doubled. In the next month its height doubled again. How tall was it after two months?

- 4 A coat cost £118. It was then reduced to half price in a sale. What is its sale price?



- 5 How many horseshoes are needed for 38 horses?

- 6 There are 96 children who are split into groups of 4. How many groups are there?

- 7 A car-making factory has 256 wheels. How many cars is this enough for?



- 8 A charity was given a gift of £78. A second gift was double this amount. How much was it?

- 9 Half the number of people at a concert were adults and half of the adults were women. If there were 78 women, how many people were at the concert altogether?



Make up three of your own doubling or halving word problems.



I am confident with doubling and halving as a mental method of multiplication.