

# National 5 Maths Reverse Percentage

# SQA past paper and specimen paper questions and answers by topic

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National 5 Maths SQA 2013 Specimen Paper 2 Question 7



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This year Adèle paid £465 for her car insurance. This is an increase of 20% on last year's payment. How much did Adèle pay last year?

Answer:

£387.50

# National 5 Maths SQA 2014 Paper 1 Question 9



480 000 tickets were sold for a tennis tournament last year.

This represents 80% of all the available tickets.

Calculate the total number of tickets that were available for this tournament. 3

Answer:

#### National 5 Maths SQA 2015 Paper 2 Question 8



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James paid £297.50 for a laptop in a sale.	
The discount in the sale was 15%.	
Calculate the original price of the laptop.	

Answer:

£350

#### National 5 Maths SQA 2017 Paper 2 Question 5



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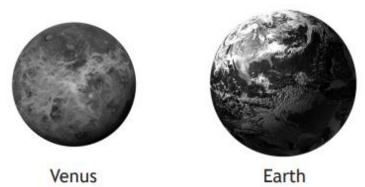
A theatre group sold 4830 tickets for their show.	
This was 15% more than they sold last year.	
How many tickets did they sell last year?	

Answer:

# National 5 Maths SQA 2018 Paper 2 Question 11



Venus and Earth are two planets within our solar system.



The volume of Venus is approximately  $9.3 \times 10^{11}$  cubic kilometres.

This is 85% of the volume of Earth.

Calculate the volume of Earth.

Answer:

 $1.094 \times 10^{12} \text{ km}^3$ 

# National 5 Maths SQA 2019 Paper 2 Question 9



Georgie had her roof repaired.

She was charged an extra 2.5% for late payment.

She had to pay a total of £977.85.

Calculate how much she would have **saved** if she had paid on time.

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Answer:

£23.85

## National 5 Maths SQA 2021 Paper 1 Question 12



A band sold 2400 tickets for their gig in Edinburgh.	
This was 75% of the number of tickets sold for their gig in Glasgow.	
Calculate the number of tickets sold for their gig in Glasgow.	3

Answer:

# National 5 Maths SQA 2022 Paper 1 Question 10



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Tommy buys flower seeds from a website.

Tommy is given a 30% discount. He pays £16.10 for the seeds.

Calculate the cost of the flower seeds without the discount.

Answer:

£23

# National 5 Maths SQA 2023 Paper 2 Question 6



Nadim bought a flat last year.

The value of the flat has increased by 8% and it is now worth £94,500.

Calculate how much Nadim paid for the flat.

Answer:

£87 500