

Reverse Percentages

November 2024 Paper 2

17 Last year Emma's car insurance cost £285

This year her car insurance costs 7% less.

(a) Work out the cost of Emma's car insurance this year.

£.....

(3)

Peter sells bikes.

Each month he is paid £1700 plus a bonus.

The bonus is 5% of the total value of the bikes he sells that month.

Last month Peter was paid £2100

(b) Work out the total value of the bikes he sold last month.

£.....

(3)

(Total for Question 17 is 6 marks)

June 2020 Paper 3

19 Here are the types of sandwiches sold in a cafe last week.

Sandwiches
Tuna
Cheese
Chicken
Egg

56 tuna sandwiches were sold.

This was 40% of the total number of sandwiches sold.

(a) Work out the total number of sandwiches sold.

June 2023 Paper 1

- 26** The price of a holiday increases by 20%
This 20% increase adds £240 to the price of the holiday.
- Work out the price of the holiday before the increase.

£.....

(Total for Question 26 is 2 marks)

November 2022 Paper 2

- 26** The population of a town increased by 9% between 2018 and 2019
The population in 2019 was 165 680

Calculate the population in 2018

.....
(Total for Question 26 is 2 marks)

June 2024 Paper 1

27 In a sale, normal prices are reduced by 30%

The sale price of a TV is £280

Work out the normal price of the TV.

£.....

(Total for Question 27 is 2 marks)

November 2021 Paper 2

- 28** In a sale, the normal price of a boat is reduced by 15%
The sale price of the boat is £272 000

Work out the normal price of the boat.

£.....

(Total for Question 28 is 2 marks)

June 2022 Paper 3

- 30** The value of Michelle's car has decreased by 15%
The car now has a value of £13 600

Work out the value of Michelle's car before the decrease.

£.....

(Total for Question 30 is 2 marks)