Reverse Percentages Past Paper Questions

Q1.

There are men and women at a meeting.

There are 28 women.
30% of the people at the meeting are men.

Work out the total number of people at the meeting.

....

(Total for question = 3 marks)

Q2.

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 = 2 marks)

Q3.

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 = 2 marks)

Q4.

214 people go on a school trip.
The people on the trip are either adults or children.

There are 14 adults on the trip.
35% of the children on the trip are wearing a hat.

Find the number of children on the trip who are **not** wearing a hat.

....

(Total for question = 4 marks)

Q5.

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 = 2 marks)

Q6.

In a sale, the normal price of a book is reduced by 30%.
The sale price of the book is £2.80

Work out the normal price of the book.

£ ....

(Total for question = 2 marks)

Q7.

In a sale, normal prices are reduced by 20%.
The normal price of a coat is reduced by £15

Work out the normal price of the coat.

£ ....

(Total for question = 2 marks)

Q8.

The price of all rail tickets increased by 5 %.
The price of a rail ticket from London to Ipswich increased by £2.30

Work out the price of the ticket before the increase.

£ ....

(Total for question = 2 marks)

Q9.

In a sale, normal prices are reduced by 17%.
The normal price of a washing machine is reduced by £42.50

Work out the sale price of the washing machine.

£ ....

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