

Word problems involving adding & subtracting percentages

Question 1

A bike helmet costs £50.

The shop is offering 10% off all bike helmets.

What is the new price of the helmet?

- A. £40
- B. £42
- C. £45
- D. £48
- E. £55

Question 2

A family has a meal at a restaurant. The bill comes to £80.

A 5% service charge is added to the bill.

How much do they pay altogether?

- A. £81
- B. £82
- C. £84
- D. £85
- E. £88

Question 3

A new desk costs £200.

A customer uses a voucher for 15% off.

What is the new price of the desk?

- A. £160
- B. £165
- C. £170
- D. £185
- E. £190

Question 4

A computer monitor costs £150 before VAT.

VAT of 20% is added.

What is the total price?

- A. £165
- B. £170
- C. £175
- D. £180
- E. £190

Question 5

A suitcase costs £90.

It is reduced by 30% in a sale.

What is the sale price?

- A. £54
- B. £60
- C. £63
- D. £67
- E. £72

Question 6

A theatre ticket costs £120.

A 10% booking fee is added.

How much does the ticket cost altogether?

- A. £126
- B. £132
- C. £134
- D. £138
- E. £140

Question 7

A washing machine costs £300.

A store offers 20% off.

What is the new price?

- A. £220
- B. £230
- C. £240
- D. £250
- E. £260

Question 8

A gym membership costs £60 per month.

The monthly fee increases by 5%.

What is the new monthly cost?

- A. £61
- B. £62
- C. £63
- D. £64
- E. £65

Question 9

A family buys a sofa costing £400.

They receive a 15% discount.

How much do they pay?

- A. £320
- B. £330
- C. £340
- D. £345
- E. £360

Question 10

A concert ticket costs £70 before tax.

A 30% tax is added to the price.

What is the total cost of the ticket?

- A. £84
- B. £88
- C. £89
- D. £91
- E. £93