

N022 Working with numbers

Q1.

Work out 247×63

.....
(Total for question is 3 marks)

Q2.

Work out 172×34

.....
(Total for question = 3 marks)

Q3.

Work out 54.6×4.3

.....
(Total for question = 3 marks)

Q4.

Ibrar buys 3kg of apples. He also buys 0.4kg of mushrooms.

The total cost is £6.93. 1kg of apples cost £1.95

Work out the cost of 1kg of mushrooms.

£

(Total for question = 3 marks)

Q5.

The table gives information about the prices of cinema tickets.

Cinema ticket	Price
adult ticket	£7.80
child ticket	£5.80
family ticket (for 4 people)	£24.30

Mr Edwards and his 3 children go to the cinema.

It is cheaper for Mr Edwards to buy 1 family ticket rather than 4 separate tickets.

(a) How much cheaper?

.....
(3)

The film starts at 6.45 pm.
The film lasts 102 minutes.

(b) What time does the film finish?

.....
(2)

(Total for question = 5 marks)

Q6.

Cafe Price List	
tea	65p
coffee	79p
hot chocolate	84p

Dylan and some friends went to the cafe.

Dylan bought himself a cup of tea. He bought each of his friends a cup of coffee.

He paid with a £10 note. He got £4.61 change.

How many friends were with Dylan at the cafe?

.....
(Total for question = 4 marks)

Q7.

There are 5 grams of fibre in every 100 grams of bread.

A loaf of bread has a weight of 400 g. There are 10 slices of bread in a loaf.

Each slice of bread has the same weight.

Work out the weight of fibre in one slice of bread.

..... 9
(Total for question is 3 marks)

Q8.

Oliver wants to buy some stickers. He only has a £10 note.

Each packet of stickers costs £1.29 Oliver buys as many packets of stickers as possible.

(a) Work out how much change Oliver should get from the £10 note.

£

(3)

Jessica also wants to buy some stickers. There are 6 stickers in each packet.

Jessica works out that she can buy exactly 28 stickers.

(b) Is Jessica correct?

Justify your answer.

.....
.....

(1)

(Total for question = 4 marks)

Q9.

Suha is going to buy 150 envelopes.

Here is some information about the cost of envelopes in two shops.

Letters2send

Pack of 25 envelopes for £3.49

Stationery World

Pack of 10 envelopes for £2.10

Buy 2 packs get 1 pack free

Suha wants to buy the envelopes as cheaply as possible.

Which shop should Suha buy the 150 envelopes from?

(Total for question = 4 marks)

Q10.

Tracy buys

2 coffees at	£1.10 each
3 teas at	95p each
5 sandwiches at	£2.15 each

Tracy shares the total cost equally between 5 people.

How much does each person pay?

£

(Total for question = 4 marks)

Q11.

Tanya needs to buy chocolate bars for all the children in Year 7

Each of the 130 children get one chocolate bar.

There are 8 chocolate bars in each packet.

Work out the least number of packets of chocolate bars that Tanya needs to buy.

.....

(Total for question = 3 marks)

Q12.

Tim and three friends go on holiday together for a week.

The 4 friends will share the costs of the holiday equally.

Here are the costs of the holiday.

£1280 for 4 return plane tickets

£680 for the villa

£220 for hire of a car for the week

Work out how much Tim has to pay for his share of the costs.

£

(Total for question = 3 marks)

Q13.

Boxes of chocolates cost £3.69 each. A shop has an offer.

Boxes of chocolates
3 for the price of 2

Ali has £50. He is going to get as many boxes of chocolates as possible.

How many boxes of chocolates can Ali get?

.....
(Total for question is 3 marks)

Q14.

2 pens cost £2.38

5 folders cost £5.60

Ben wants to buy 20 pens and 20 folders.

He only has £50

Does Ben have enough money to buy 20 pens and 20 folders?

You must show how you get your answer.

(Total for question = 4 marks)

Q15.

Harry is planning a holiday for 4 people for 7 days.

Here are the costs for the holiday for **each person**.

Travel	£150
Hotel	£50 for each day
Spending money	£250

Work out the total cost of the holiday for 4 people for 7 days.

£

(Total for question = 4 marks)

Q16.

Annie sold

- 45 books at £1.20 each
- 34 candles at £1.50 each
- some calendars at 90p each

She got a total of £150

Work out how many calendars Annie sold.

.....
(Total for question = 4 marks)

Q17.

Neil buys 30 pens, 30 pencils, 30 rulers and 30 pencil cases.

Price list	
pens	6 for 82p
pencils	15 for 45p
rulers	10 for £1.25
pencil cases	37p each

What is the total amount of money Neil spends?

£

(Total for question = 5 marks)