

N023 Working with decimals

Q1.

Work out 54.6×4.3

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

Q2.

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)

Q3.

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)

Q4.

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)

Q5.

Suha is going to buy 150 envelopes.

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

<p>Letters2send Pack of 25 envelopes for £3.49</p>

<p>Stationery World Pack of 10 envelopes for £2.10 Buy 2 packs get 1 pack free</p>

Suha wants to buy the envelopes as cheaply as possible.

Which shop should Suha buy the 150 envelopes from?

You must show how you get your answer.

(Total for question = 4 marks)

Q6.

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)

Q7.

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)

Q8.

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)

Q9.

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)

Q10.

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)