

Problem 1

There are 38 people on the bus. At Stop A, Half of the people get off and 5 get on. At Stop B, a third of the people get off and 3 get on.

How many people are now on the bus?

Problem 2

The total perimeter of a regular octagon is 96cm.
What is the length of one side?

Problem 3

1 euro costs 85p.

How many euros can you buy for £20?

Problem 4

These ingredients make enough food for 6 people.
Change them so there is enough for 9 people.

200g flour
50g butter
180ml milk
4 eggs
6 rashers of bacon

Problem 5

Eve starts school at 9am. She gets two buses. Bus 1 takes 45 minutes. Bus 2 takes $\frac{1}{3}$ of the time as Bus 1.

She then has to walk for 7 minutes.

What time should Eve set off.

Problem 6

Krishna buys a skateboard for £13.36. He pays with a £20 note.

How much change does he receive?

Problem 7

There is 20% off the price in a clothes shop sale.

How much would you get off a dress for £65?

Problem 8

The soup kitchen serves 200 bowls of soup. Each bowl holds 300ml.

How much soup is served in litres?

Problem 9

The local cinema are running a buy two tickets and get one free offer. Tickets cost £3.60 each.

How much would 27 tickets costs altogether?

Problem 10

Joel has 2 boxes of 33 bananas, 4 boxes of 27 apples and 5 boxes of 12 pineapples.

How many pieces of fruit does Joel have altogether?

Problem 11

There is 785ml of water in a jug. 370ml is pored out.

How much is in the jug now?

Problem 12

What is the total of:

£9.87

£16.22

£5.12?

Problem 13

Harry and 5 of his friends went to see a music gig.
They paid £54 in total

How much did each ticket cost?

Problem 14

I have a 600g box of rice.
I pour $\frac{1}{3}$ of the rice into Bowl A.
I pour $\frac{1}{4}$ of what is left in the bowl into Bowl B.

How much rice is left in the box?

Problem 15

There is 350g of flour in a bag.

How much flour in kilograms is there in 20 bags?

Problem 16

A train is due to arrive at the station at 16.45. It is running 37 minutes late.

What time is the train expected to arrive?

Problem 17

Susie, Jonas and Tom earned £354 washing cars over the weekend. They need to split the money equally.

How much do they each get?

Problem 18

The journey to Aziz's school is 7km.

How far does Aziz travel in total when he walks to and from school, from Monday to Friday?

Problem 19

Melons cost 72p. There is a buy one, get one half price deal on.

how many melons can you buy with £8?

Problem 20

Alfie borrowed £430 from his mum.
He has paid back 50%

How much does Alfie still owe?

Answers

1. 19
2. 12
3. 23
4. 300g flour, 75g butter, 270ml milk, 6 eggs, 9 rashers bacon.
5. 7.53
6. £6.64
7. £13
8. 60 litres
9. £64.80
10. 234
11. 415ml
12. £31.21
13. £9.00
14. 300g
15. 7 kilograms
16. 17:22
17. £118
18. 70km
19. 14
20. £215