

Problem 1

Toby has saved up £52.85.
His big sister has saved up £123.60.

How much have they both saved up altogether?

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Problem 2

The total perimeter of a regular octagon is 296cm.

What is the length of one side?

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Problem 3

Can you find two numbers that add up to 250?

123	222	109	78	115
239	86	72	148	
201	136	129	97	114

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Problem 4

Anne has £8.97.
She buys some fruit. Now she has £5.34.

How much did her fruit cost?

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Problem 5

A factory makes 3.8 litres of lemonade a minute.

How much lemonade is made in 7 minutes?

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Problem 6

A factory uses 112 kilograms of sugar to make 16 batches of lemonade.

How much sugar is used per batch?

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Problem 7

For every 7 eggs that Chicken A lays, Chicken B lays 12.

If Chicken A lays 84 eggs, how many eggs does Chicken B lay?

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Problem 8

Which is greater?

25% of 76

20% of 84

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Problem 9

2357 people go to a concert.
The tickets cost £4.70.

How much money was made?

Problem 10

Jane travelled 17.6km on a bus,
8.2km by train and then a further
1300m by foot.

How many kilometres has Jane
travelled?

Problem 11

What is the total of £113.56,
£8.79 and £281.24?

Problem 12

An apple costs £0.36.

How much would 12 apples cost?

Problem 13

There is a 25% reduction off of the price of a table.
The original price was £300.

How much is it now?

Problem 14

There are 92 children in year 6.
One quarter of the year walk to school. 18 children are driven. 23 children cycle.

How many children use other forms of transport?

Problem 15

831 are getting on a train.
Each carriage seats 60 people.

How many carriages are needed for everyone to be able to sit?
How many spare seats are there?

Problem 16

1272 people have bought tickets for a concert.
The venue has 30 rows of 42 seats.

How many people will have to stand?

Problem 17

Farmer Jack has 48 sheep.
Half of his sheep have twins, quarter have one lamb and two sheep have triplets.
Two thirds of the lambs are male.

How many female lambs are there?

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Problem 18

For every male cow on the farm, there are 7 female cows.

If there are 301 female cows, how many male cows are there?

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Problem 19

I think of a number, add 5.1 and multiply it by 3.5.

The answer is 35.

What was my number?

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Problem 20

A shop makes £32,350 this year.
That is £2,456 better than last year.

What did the shop make last year?

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Answers:

1. £176.45
2. 37cm
3. 114 & 136
4. £3.63
5. 26.6 litres
6. 7kg
7. 144 eggs
8. 25% of 76 (19)
9. £11 077.90
10. 27.1km
11. £403.59
12. £4.32
13. £225
14. 28 children
15. 14 carriages with 9 empty seats
16. 12 people
17. 22 lambs
18. 43 cows
19. 4.9
20. £29 894