

Q1. (2018)

- 11 300 passengers go on a coach trip.
 Each coach takes 50 passengers.
 Each passenger pays £25
 The table shows the costs for the coach company.

	Cost for each coach
Pay for driver	£90
Fuel	70p per mile

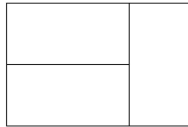
Each coach travels 200 miles.

Work out the **total** profit the company makes from this trip.

[6 marks]

Q2. (2018)

- 31 A large rectangle is made by joining three identical small rectangles as shown.



Not drawn
accurately

The perimeter of one small rectangle is 15 cm

Work out the perimeter of the large rectangle.

[4 marks]

Answer _____ cm

Q3. (2019)

- 7 Amy and Brad each have some money.
 Carly has no money.
 Amy gives £7 to Carly.
 Brad gives £5 to Carly.
 Now they all have the same amount of money.
 How much money did Amy have to begin with?

[2 marks]

Answer £ _____

Q4. (2019)

- 5 (a) Work out $364.5 + 17.9 - 2.08$

[2 marks]

Q5. (2019)

5 (b) Work out 9.36×2 [1 mark]

Answer _____

Q6. (2019)

10 Coaches take people to a festival.
Each coach can take 50 people.

(A)

10 (a) From one city there are 820 people.
How many coaches are needed?

[3 marks]

Answer _____

(B)

10 (b) From a different city 13 coaches are needed.
Each coach costs £450 to hire.
Work out the total cost of hiring 13 coaches.

[3 marks]

Answer £ _____

Q7. (2020)

9 Harry will pay income tax if he earns more than £12 500 in a year.
After 8 months he has earned a **total** of £7600
For the rest of the year he earns £1200 each month.
Will he pay income tax?
You **must** show your working.

[3 marks]

Q8. (2022)

7

	Cost of 100 grams
Cereal	49p
Pasta	14p

Leah buys 400 grams of cereal and 250 grams of pasta.

Work out the **total** cost in £

[4 marks]

Answer £ _____

Q9. (2022)

11

Companies A and B sell insurance for mobile phones.
The table shows the **monthly** costs for two types of cover, Damage and Loss.

Company	Damage	Loss
A	£8.65	£12.20
B	£7.25	£14.10

(A)

11 (a) Work out the difference in monthly cost for the two types of cover with **Company A**.
[2 marks]

Answer £ _____

(B)

11 (b) Ben wants Damage cover with **Company B**.
How much in total will he pay for one **year**?
[3 marks]

Answer £ _____

Q10. (2023)

9 Match each box on the left to the box on the right with the same value.
One has been done for you.

[3 marks]

$\frac{1}{10}$

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{1}{5}$

0.1

0.05

20%

$\frac{2}{6}$

0.25

$\frac{10}{20}$

Q11. (2024)

8

Apples	25p each
Oranges	60p each

Salma has £10 to buy apples and oranges.
She buys
9 apples
and
as many oranges as possible.
How many oranges does she buy?

[4 marks]

Q12. (2024)

14

Here is a multiplication table.

×	61	63	65	67
61	3721	3843	3965	4087
63	3843	3969	4095	4221
65	3965	4095	4225	4355
67	4087	4221	4355	4489

Use the table to answer the following questions.

(A)

14 (a) Work out $3843 \div 63$

[1 mark]

Answer _____

(B)

14 (b) Work out 6.1×6.7

[1 mark]

Answer _____

(C)

14 (c) Work out 63×66

[2 marks]

Answer _____