

Q1. (2018)

- 22 Anna plays a computer game.
Each game is a win or a loss.
She wins three quarters of her first 24 games.
She then wins her next 12 games.
For all 36 games, work out the ratio wins : losses
Give your answer in its simplest form.

[3 marks]

Q2. (2018)

- 24 Divide 405 in the ratio 4 : 11

[3 marks]

Answer _____ and _____

Q3. (2019)

- 17 (a) Simplify fully 56 : 24

[2 marks]

Answer _____ : _____

Q4. (2019)

- 17 (b) Write the ratio 5 : 4 in the form $n : 1$

[1 mark]

Answer _____ : _____

Q5. (2019)

- 17 (c) Share £180 in the ratio 1 : 9

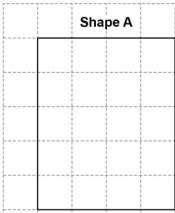
[2 marks]

Answer £ _____ and £ _____

Q6. (2020)

5

Shape A



Shape B



Work out area of Shape A : area of Shape B
Give your answer in its simplest form.

[2 marks]

Answer :

Q5. (2020)

16 The table shows information about how 150 students travel to school.

	Walk	Bus	Car	
Girls	22	33	17	Total = 72
Boys	24	41	13	Total = 78

16 (a) What fraction of the **girls** walk to school?
Give your answer in its simplest form.

[2 marks]

Q6. (2021)

16

A password has 30 characters.
It is made up of 5 numbers, 15 letters and some symbols.

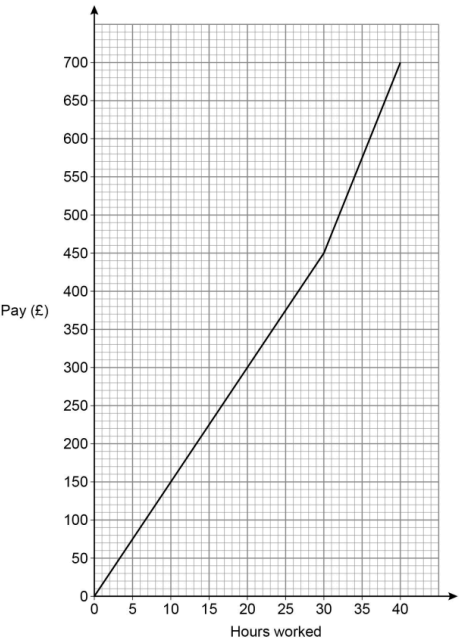
Work out the ratio numbers : letters : symbols
Give your answer in its simplest form.

[2 marks]

Answer : :

Q7. (2022)

22 In a week, Samir is paid
a basic hourly rate for the first 30 hours worked
an overtime hourly rate for any extra hours worked.
The graph shows his pay for working up to 40 hours in a week.



Work out the ratio basic hourly rate : overtime hourly rate
Give your answer in its simplest form. [3 marks]

Answer :

Q8. (2023)

19 Andrew and Bruce share some money in the ratio 5 : 6
Bruce gets £96
Andrew gives $\frac{1}{4}$ of his share to Carl.
Bruce gives $\frac{2}{3}$ of his share to Carl.

How much money does Carl receive? [4 marks]

Answer £

Q9. (2024)

13 (a) Two friends share £240 in the ratio 1 : 3

Work out the larger share.

[2 marks]

Answer £ _____