

Q1. 2017

- 12 A football team has P points.

$$P = 3W + D$$

W is the number of wins

D is the number of draws

A)

- 12 (a) A team has 6 wins and 2 draws.

How many points does the team have?

[1 mark]

Answer _____

B)

- 12 (b) After 33 games a different team has 53 points.

11 games were draws.

How many games has this team lost?

[4 marks]

Answer _____

Q2. (2019)

- 19 You are given that $4a - 2b = 10$

(A)

- 19 (a) Write down the value of $2a - b$

[1 mark]

Answer _____

(B)

- 19 (b) Write down the value of $2b - 4a$

[1 mark]

Answer _____

(C)

- 19 (c) You are given that $4a - 2b = 10$ and $a + c = 3$

Write an expression in a , b and c that is equal to 23

Give your answer in its simplest form.

You **must** show your working.

[2 marks]

Answer _____

Q3. (2023)

8

$$T = 5P - W$$

(A)**8 (a)** Work out the value of T when $P = 4$ and $W = 2$ **[2 marks]**

 $T =$ _____**(B)****8 (b)** Work out the value of P when $T = -40$ and $W = 10$ **[3 marks]**

 $P =$ _____**Q4. (2024)****11** A window cleaner uses this formula.

$$C = 2W + 5$$

 C = cost, in £, for the customer W = number of windows to be cleaned**11 (a)** How much does it cost for 6 windows to be cleaned?**[2 marks]**

Answer £ _____