

Q1. (2019)

- 8 Four positive whole numbers add up to 84
One of the numbers is a multiple of 17
The other three numbers are equal.
What are the four numbers?

[3 marks]

Answer

Q2. (2019)

- 9 Jim wants to buy 10 rolls of wallpaper.
He sees these prices.

Wallpaper	
Single roll	£12.50
Pack of 3 rolls	£34.50
Pack of 5 rolls	£58.75

What is the cheapest price for 10 rolls?

[4 marks]

Answer £

Q3. (2019)

- 15 Circle the correct statement.

[1 mark]

$$\frac{1}{3} \leq 30\% \quad \frac{1}{3} = 30\% \quad \frac{1}{3} < 30\% \quad \frac{1}{3} \neq 30\%$$

Q4. (2019)

- 24 Two solids, J and K, have the same density.

Complete the table.

Include units in your answers.

[3 marks]

	J	K
Mass	48 g	78 g
Volume	8 cm ³	
Density		

Q5. (2020)

- 6 Greg wants to buy a games console that costs £267.50
He already has £125
He will save £7.50 each week.
In how many weeks will he have saved enough?

[3 marks]

Q6. (2020)

- 14 Here are ticket prices for a theme park.

Single tickets		
Adult	£48	Child £26
Special offer tickets		
1 adult and 2 children	£82	
2 adults and 2 children	£120	

(A)

- 14 (a) Freya buys tickets for 3 adults and 4 children.
She pays the cheapest possible total cost.
How much does she save compared to buying all single tickets?

[4 marks]

Answer £ _____

(B)

14 (b)

Leroy buys 5 single adult tickets.
He uses a voucher that reduces the price of tickets by a quarter.
In total, how much does he pay?

[3 marks]

Answer £

Q7. (2021)

5

Complete the bank statement.

[3 marks]

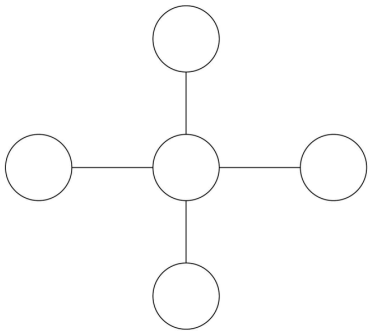
Date	Description	Credit (£)	Debit (£)	Balance (£)
01/05/2020	Starting balance			670.43
08/05/2020	Salary	2156.75		
11/05/2020	Water bill		48.97	
18/05/2020	Mortgage payment			1642.49

Q8. (2021)

6

Put the numbers 1, 2, 3, 4 and 6 into the circles so that
each line of three numbers multiplies to 12
the total of the vertical line is one more than the total of the horizontal line.
Use each number once.

[2 marks]



Q9. (2022)

- 6 Pens cost 20p each.
Rulers cost 60p each.
Saj buys some pens and some rulers.
He buys 8 rulers.
The total cost is £10
How many pens does he buy?

[3 marks]

Q10. (2022)

- 26 Work out $3\begin{pmatrix} 1 \\ 6 \end{pmatrix} + \begin{pmatrix} 2 \\ 5 \end{pmatrix}$

[1 mark]

Answer $\left(\begin{pmatrix} \\ \end{pmatrix} \right)$