

Q1. (2018)

8

Jim has six banknotes.

The value of each note is £5 or £10 or £20

He **can** make £20 with three notes.

He **can** make £55 with four notes.

He **cannot** make £25 with three notes.

He **cannot** make £25 with four notes.

List the six notes.

[2 marks]

£ _____ £ _____ £ _____

£ _____ £ _____ £ _____

Q2. (2019)

6

Josh downloads album A.

A has 11 tracks.

Each track on A costs the same.

The total cost of downloading A is £8.80

Josh also downloads album B.

B has 14 tracks.

(A)

6 (a)

Work out the total cost of downloading B.

Assume each track costs the same as a track on A.

[3 marks]

Answer £ _____

(B)

- 6 (b) In fact, compared to the cost of each track on A
the cost of 6 tracks on B is **more** by 5p each
the cost of 8 tracks on B is **less** by 5p each.

What does this tell you about your answer to part (a)?

Tick **one** box.

☐

The total cost is **less** than my answer to part (a)

☐

The total cost is **more** than my answer to part (a)

☐

The total cost is **the same** as my answer to part (a)

Give a reason for your decision.

[2 marks]

Q3. (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 _____

Q4. (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

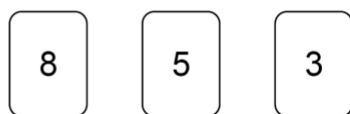
What is the cheapest price for 10 rolls?

[4 marks]

Answer £ _____

Q5. (2020)

5 Here are three number cards.



(A)

5 (a) Use all three cards to make the answer to this calculation a multiple of 10

[1 mark]

$$\square \square \times \square$$

(B)

5 (b) Use all three cards to make the answer to this calculation a single-digit number.

[1 mark]

$$\square \times \square - \square$$

(C)

5 (c) Use all three cards to make this a correct calculation.

[1 mark]

$$\begin{array}{r} \square 6 + \square \\ \hline \square + \square \end{array} = 1$$

Q6. (2020)

13 Milly has an equal number of 20p coins and 50p coins.
The value of her 20p coins is £2.80

Work out the **total** value of her 20p and 50p coins.

[3 marks]

Answer £ _____

Q7. (2021)

1 Solve $4 + x = 12$
Circle your answer.

[1 mark]

$x = -16$

$x = -8$

$x = 8$

$x = 16$

Q8. (2023)

7 This week, Liam works
25 hours at £10.20 per hour
and
extra hours at the weekend at £11.80 per hour.
Here are the extra hours he works at the weekend.

Saturday	7 am to 10 am
Sunday	1 pm to 3 pm

In **total**, how much is he paid this week? [4 marks]

Answer £ _____

Q9. (2023)

15 Popcorn is sold in bags.
8 small bags have a total mass of 496 g
5 small bags and 2 large bags have a total mass of 638 g
Work out the mass of a large bag.

[4 marks]

Answer _____ g

Q10. (2024)

4 Luca spends 71p
He pays the exact amount with 4 coins.
List the coins he uses.

[2 marks]

Answer _____