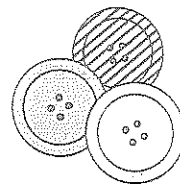


Test 2: Calculations

- 1 There are 150 buttons in a box.
24 children take 3 buttons each.
How many buttons are left in the box?



Show your method.

buttons

2 marks

- 2 Tick the two calculations that are correct.

$$\begin{array}{r} 703 \\ \times \quad 2 \\ \hline 146 \end{array}$$

$$\begin{array}{r} 703 \\ \times \quad 2 \\ \hline 1406 \end{array}$$

$$\begin{array}{r} 82 \\ \times \quad 6 \\ \hline 4812 \end{array}$$

$$\begin{array}{r} 82 \\ \times \quad 6 \\ \hline 492 \end{array}$$

1 mark

- 3 A football team needs £465 to buy a new kit.

They raise £52.45 by holding a cake sale.

How much more money do they need to raise? £

1 mark

- 4 Write the two missing digits to make this addition correct.

$$\begin{array}{r} 2 \quad \square \quad 9 \\ + \quad 3 \quad 2 \quad \square \\ \hline 6 \quad 0 \quad 1 \end{array}$$

1 mark

5 Complete the following statements. The first one has been done for you.

4 is a multiple of 2 and a factor of 8.

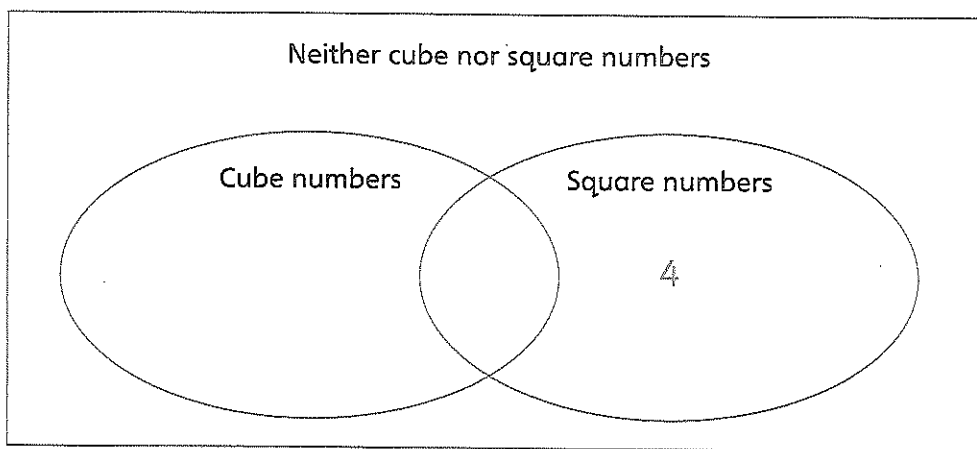
12 is a multiple of and a factor of 24.

..... is a multiple of 7 and a factor of

1 mark

6 Write each number in its correct place on the diagram. One has been done for you.

2 4 8 64



2 marks

7 Circle the **two** numbers that are **not** prime numbers.

17 19 21 23 39

1 mark

8 Lila sorts 619 beads into containers. 20 beads fit into each container.

Lila calculates the number of containers that are full and the number of beads that are left over.

Fill in the missing numbers to represent the problem as a division.

$$\boxed{} \div \boxed{} = \boxed{} \text{ remainder } \boxed{}$$

1 mark

Total marks Time taken