# Christmas Mastery Maths
## KS1

1) Tyrone is counting the berries. He isn't sure of the best way to count them. What could he do?

Now he wants to know how many leaves and berries altogether. He thinks it would be best to count in 3s, count in 2s and then add them together. Do you agree?

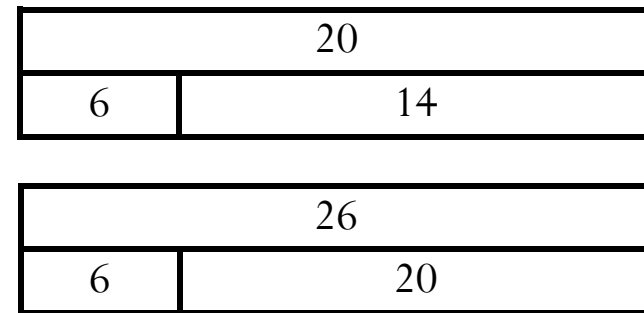2) Santa packs 43 presents into the sleigh. An elf brings the presents below to the sleigh.

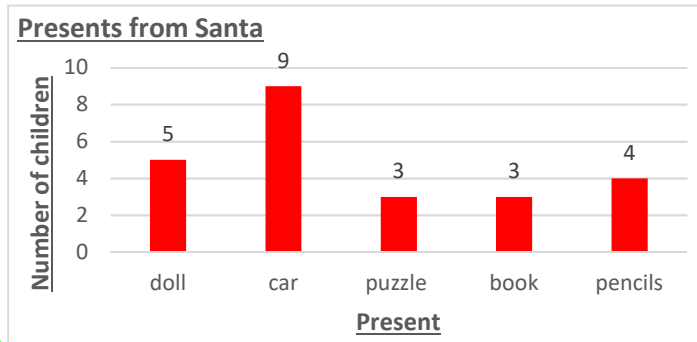Now how many presents are there on the sleigh?

3) Rudolf grouped his carrots into groups of 5. He said that he had less than 30 carrots and 3 left over. How many carrots could he have had?

4) Mrs Claus was baking gingerbread men. She made twenty but Santa came in and ate six of them! Which bar model would you use to help work out how many gingerbread men were left?

| 20 | |
|----|----|
| 6 | 14 |

| 26 | |
|----|----|
| 6 | 20 |

5) Santa created a graph to show what presents children are getting this year. What facts can you learn from the graph?

**Presents from Santa**



Number of children — doll: 5, car: 9, puzzle: 3, book: 3, pencils: 4

Present

1) Tyrone could have counted in 3s which would have been quicker than counting individually.

3 berries plus 2 leaves is 5. Counting in 5s would have been a quicker way to count them.
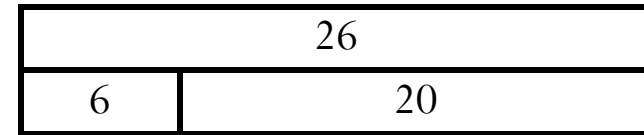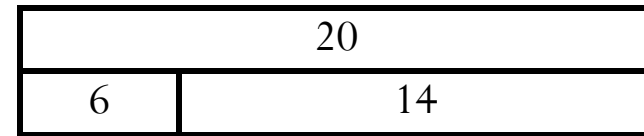
2) $43 + 7 = 50$. Children should recognise numbers bonds $7+3$

3) He could have had: 8, 13, 18, 23, 28

4) The first bar would be the correct bar model to use to help solve $20 - 6 = 14$

| 20 | |
|---|---|
| 6 | 14 |

| 26 | |
|---|---|
| 6 | 20 |

5) Facts could include: The most popular present was the car. The same number of children received puzzles as books. Two more children received a doll than a book.

**Presents from Santa**