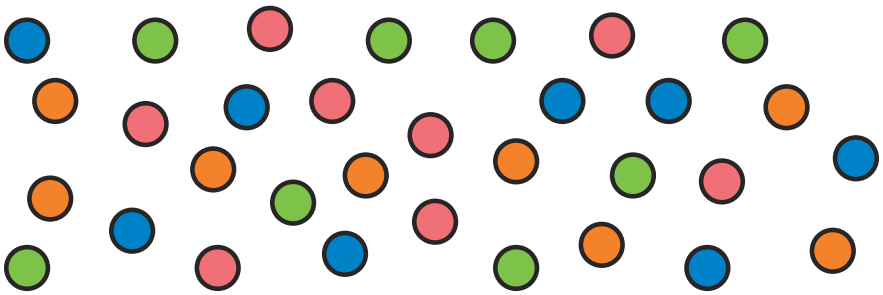
**1)** Divide the counters into groups of 8.



How many groups do you have? Write a calculation to match your model.

_____

**2)** Divide the buttons into eight equal groups.

How many buttons are in each group? Write a calculation to match your model.

_____

**3)** Mr Simons is sharing paintbrushes between the 8 tables in his classroom. He has 56 paintbrushes. How many brushes will there be for each table? Complete the bar model to show your answer.

| 56 |
| --- |
| |

**4)** Mila is making necklaces using beads. She is putting 8 large beads on each necklace. If she buys a pack of 96 beads, how many necklaces can she make?

_____

_____

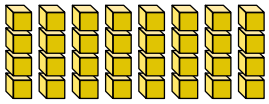
_____

**1)** Match the correct representation to the problem. Explain your reason for each choice.

| Jake shared out 32 dice between the 8 groups in his maths lesson. | Mr Johnson split his class of 24 children into teams of eight. | Jennie sorted her 32 books into piles of eight. | Johanna grouped 24 children into eight groups. |
|---|---|---|---|

| 32 | | | |
|---|---|---|---|
| 8 | 8 | 8 | 8 |

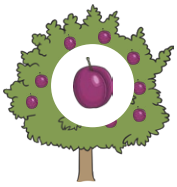
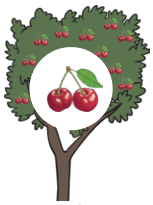
| 24 | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |



**2)** Katya, Anya and Idris are calculating 72 ÷ 8. Each child has chosen a different method. Will all the children find the correct answer? Explain which method you would choose and why.

| Katya | Anya | Idris |
|---|---|---|
| I will divide by four and then divide by two. | I will divide by four and then divide by four again. | I will halve the number, then halve it again, then halve it again. |

Charlie and Allan are planning the layout for the school garden.

| | | | |
|---|---|---|---|
|  |  |  |  |
| **£8** | **£10** | **£16** | **£34** |

**1)** Charlie ordered some potted plants and one tree. If her order totalled £58, how many potted plants might she have ordered? Show your calculations.

**2)** Allan has worked out that there will be room for two different trees in the school garden. If the school has £90 to spend on the garden, how many potted plants can they order if they buy two different trees? Show your calculations.