

- 8** There are between **20** and **35** children in Year 4.
Mr Cook wants to organise a football tournament for Year 4.
He decides to play a 5-a-side tournament as he can arrange teams of **5** with no children being left out.
If he organises the class into teams of **4** or **6**, there is **one** child left out.

How many children are there in Year 4?

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- 9** Mr Watts decides to share a box of sweets with his class on the last day of term.
If he gives every child in the class **4** sweets, there are **2** sweets left over.

There are fewer than **30** children in the class.

There are over **100** sweets in the box.

The total number of sweets in the box is a multiple of **10**.

- a** How many sweets are in the box?

- b** How many children are in the class?