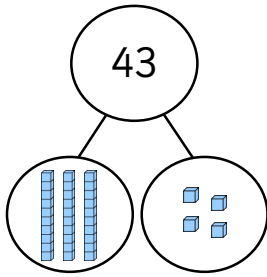


Tens and ones



The part-whole diagram shows 43.



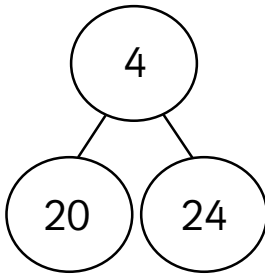
True or false? Explain how you know.

Tick (✓) the calculations which show 45.

- a) $40 + 5$
- b) $50 + 4$
- c) $30 + 10 + 5$
- d) $30 + 5 + 5$

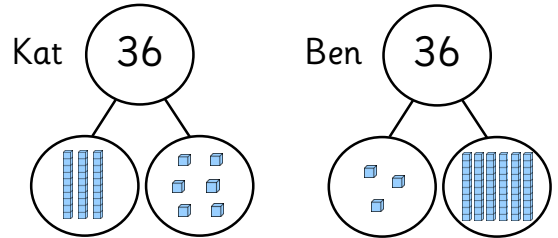
Can you think of any more?

What mistakes have been made?



Explain your answer.

Kat and Ben both try to build the same number.



Who is correct?

Explain the mistake that has been made.



What number do we need to make the number sentence correct?

We can write 48 as:

$$30 + \underline{\quad\quad} + 8 = 48.$$

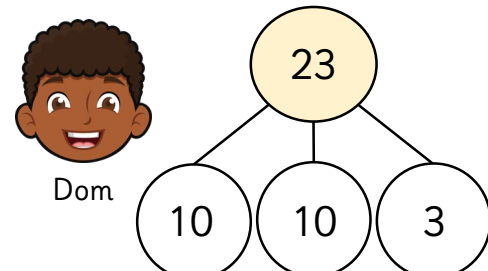
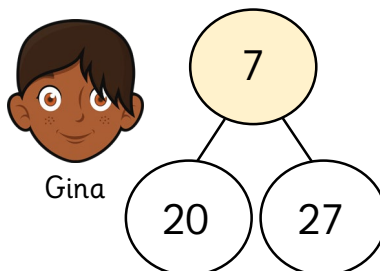
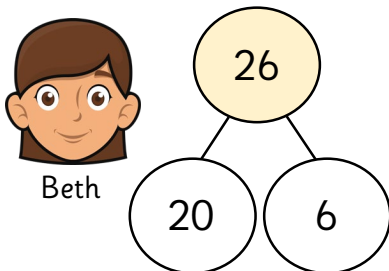


We can write 29 as $10 + 10 + 9$.

Is Sue correct?

Explain how you know.

Three children each completed a part-whole diagram.

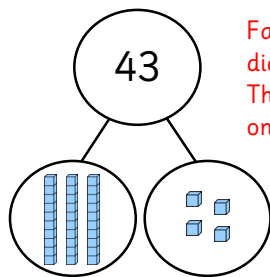


Which children are correct and which are incorrect? Explain how you know this.

Tens and ones



The part-whole diagram shows 43.



False, the part-whole diagram shows 34. There are 3 tens and 4 ones.

True or false? Explain how you know.

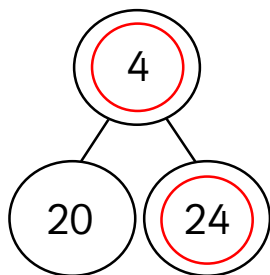
Tick (✓) the calculations which show 45.

- a) $40 + 5$
- b) $50 + 4$
- c) $30 + 10 + 5$
- d) $30 + 5 + 5$

Example answers:
 $10 + 10 + 10 + 10 + 5$
 $20 + 10 + 10 + 5$
 $20 + 20 + 5$

Can you think of any more?

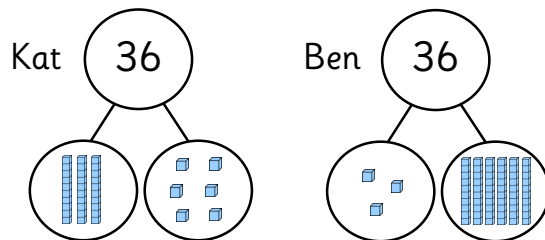
What mistakes have been made?



24 is the answer and should be in the top circle of the part-whole diagram. 4 is a part therefore, should be in the bottom part.

Explain your answer.

Kat and Ben both try to build the same number.



Kat is correct as Ben has confused his ones with tens.

Who is correct?

Explain the mistake that has been made.



What number do we need to make the number sentence correct?

We can write 48 as:

$$30 + \underline{10} + 8 = 48.$$



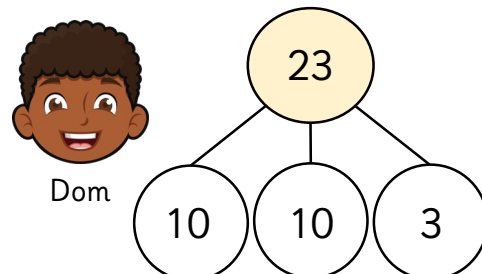
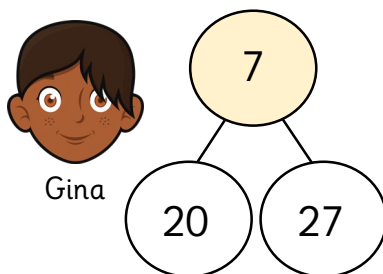
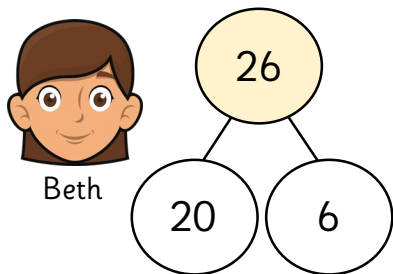
We can write 29 as $10 + 10 + 9$.

Is Sue correct?

Explain how you know.

Sue is correct as $2 \text{ tens} + 9 \text{ ones} = 29$.

Three children each completed a part-whole diagram.



Which children are correct and which are incorrect? Explain how you know this.

Beth and Dom have completed their part-whole diagrams correctly. Gina has confused the answer 27 for a part. It is the total.