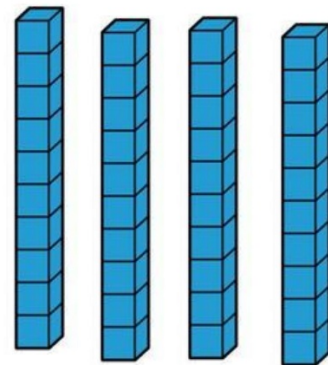
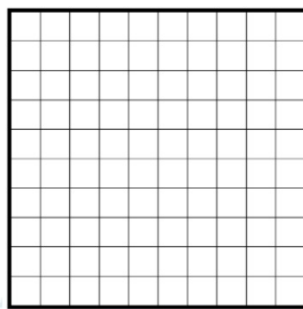
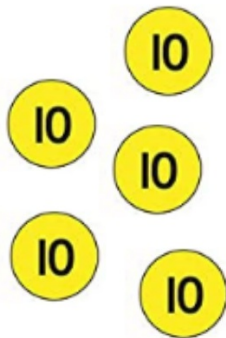


16/6/21

Today's lesson is building on from what we learnt yesterday. We will be applying that knowledge so that we can read different types of scales.



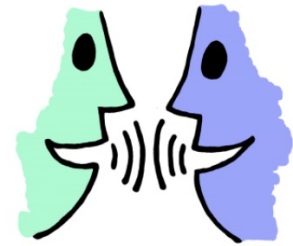
16/6/21

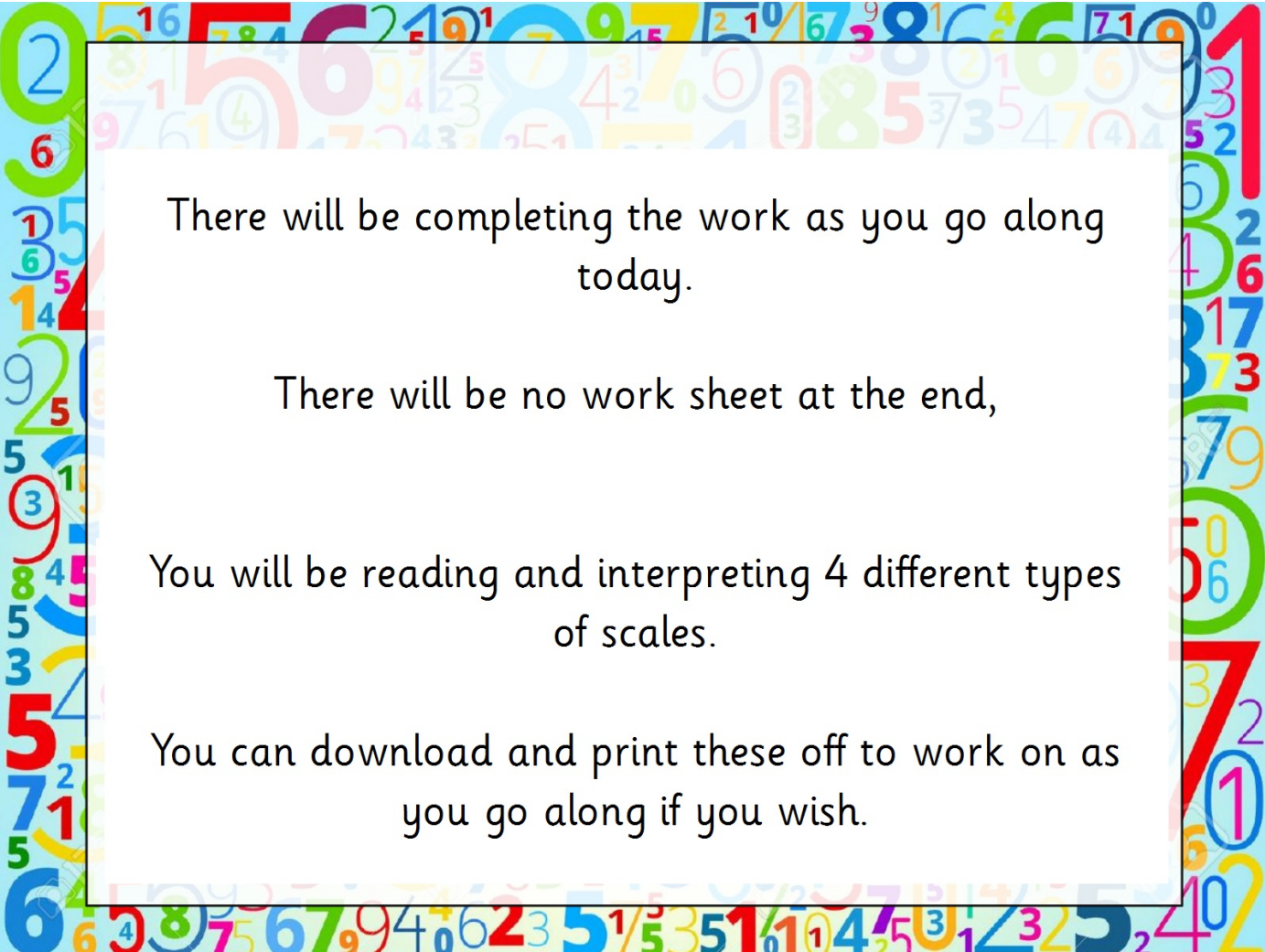
Curriculum prioritisation: Multiplication and division

Read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts.



**What kinds of scales might you see today?**



A decorative border surrounds the central text area, featuring a variety of colorful numbers (0-9) in different sizes and orientations, some with mathematical symbols like fractions and percentages.

There will be completing the work as you go along today.

There will be no work sheet at the end,

You will be reading and interpreting 4 different types of scales.

You can download and print these off to work on as you go along if you wish.

100



0



- Let's count in fifties from zero to one hundred.

100

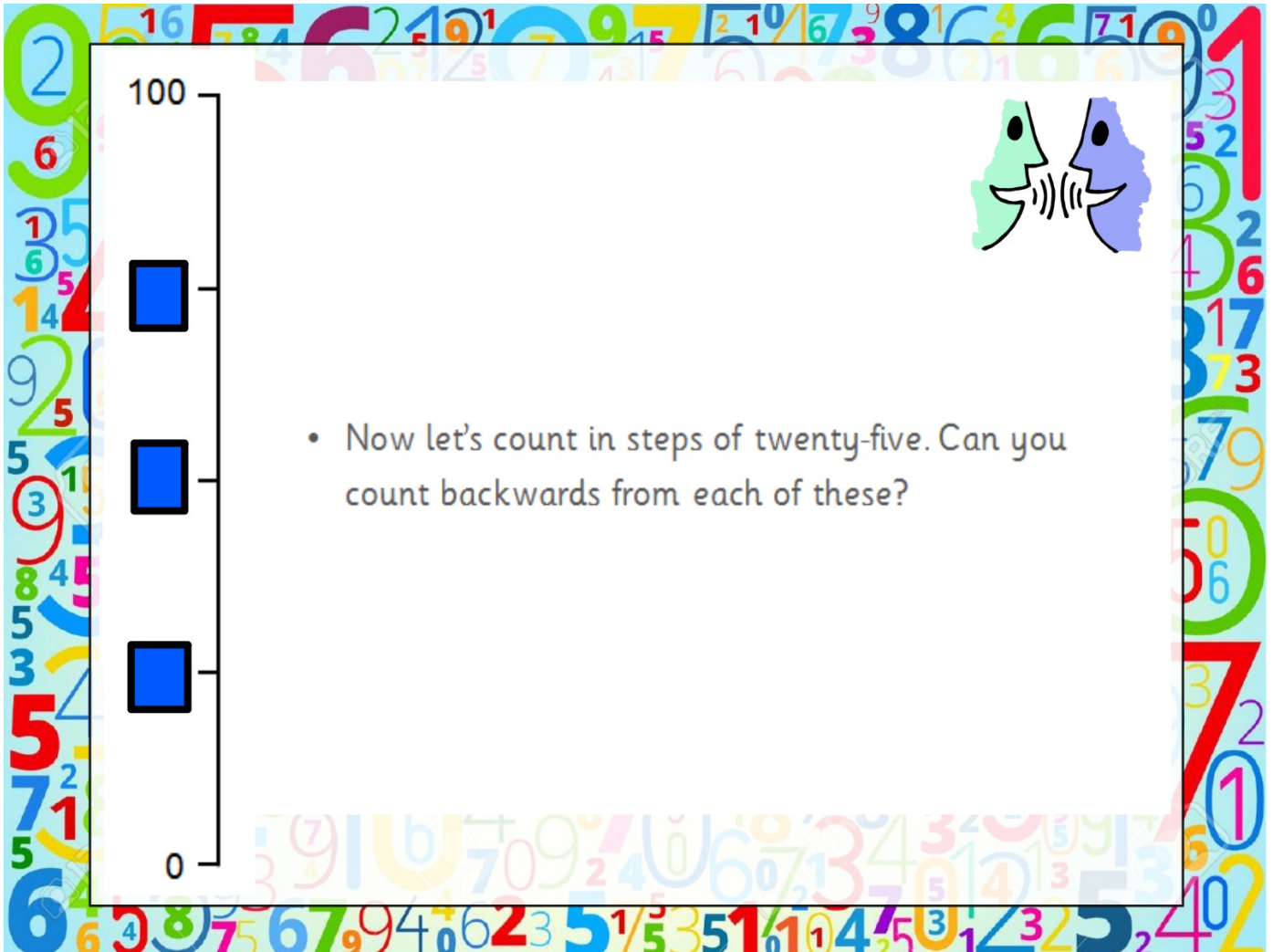
50

0

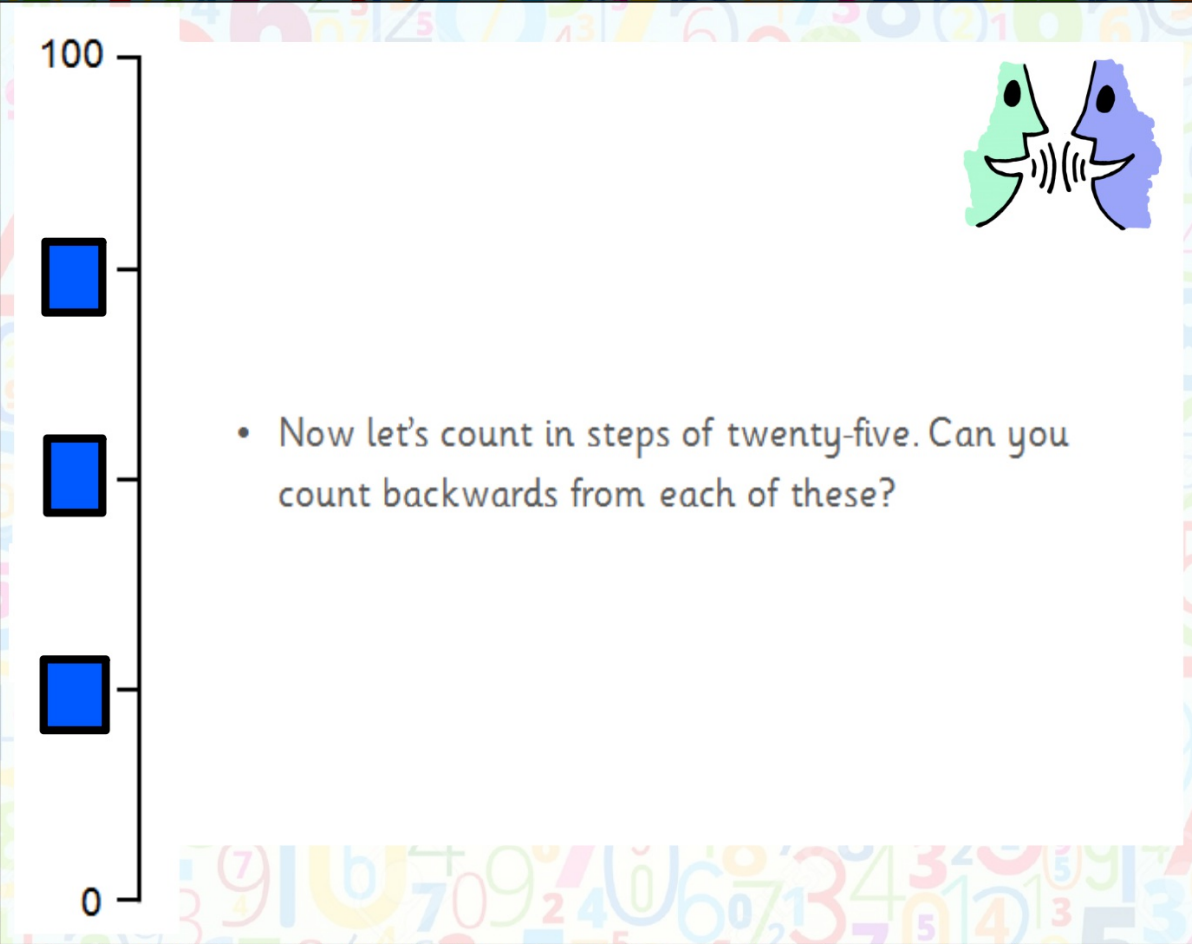


- Let's count in fifties from zero to one hundred.


*Fifty, one hundred.*



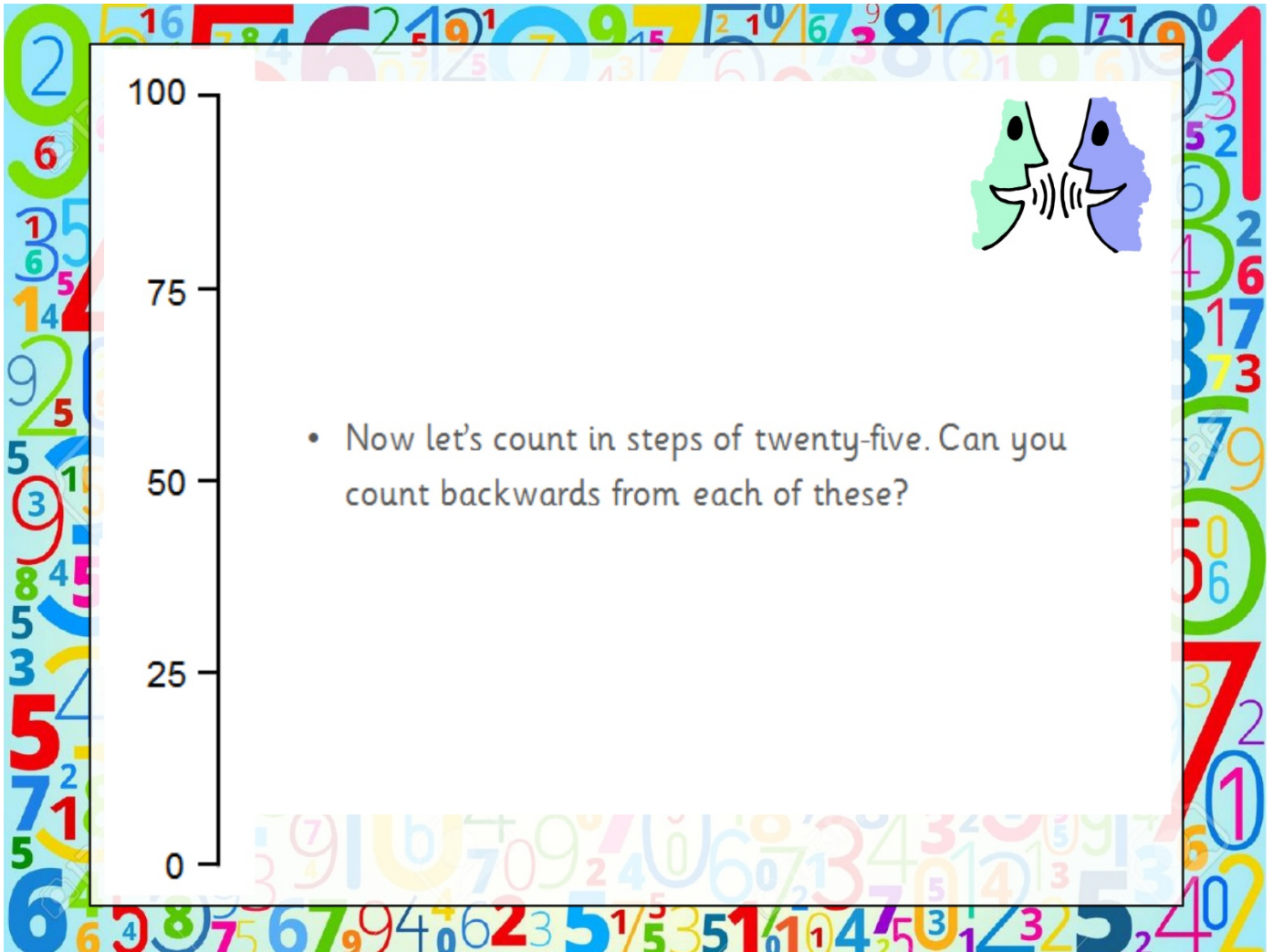
100



0



- Now let's count in steps of twenty-five. Can you count backwards from each of these?



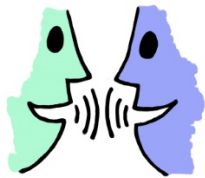
100

75

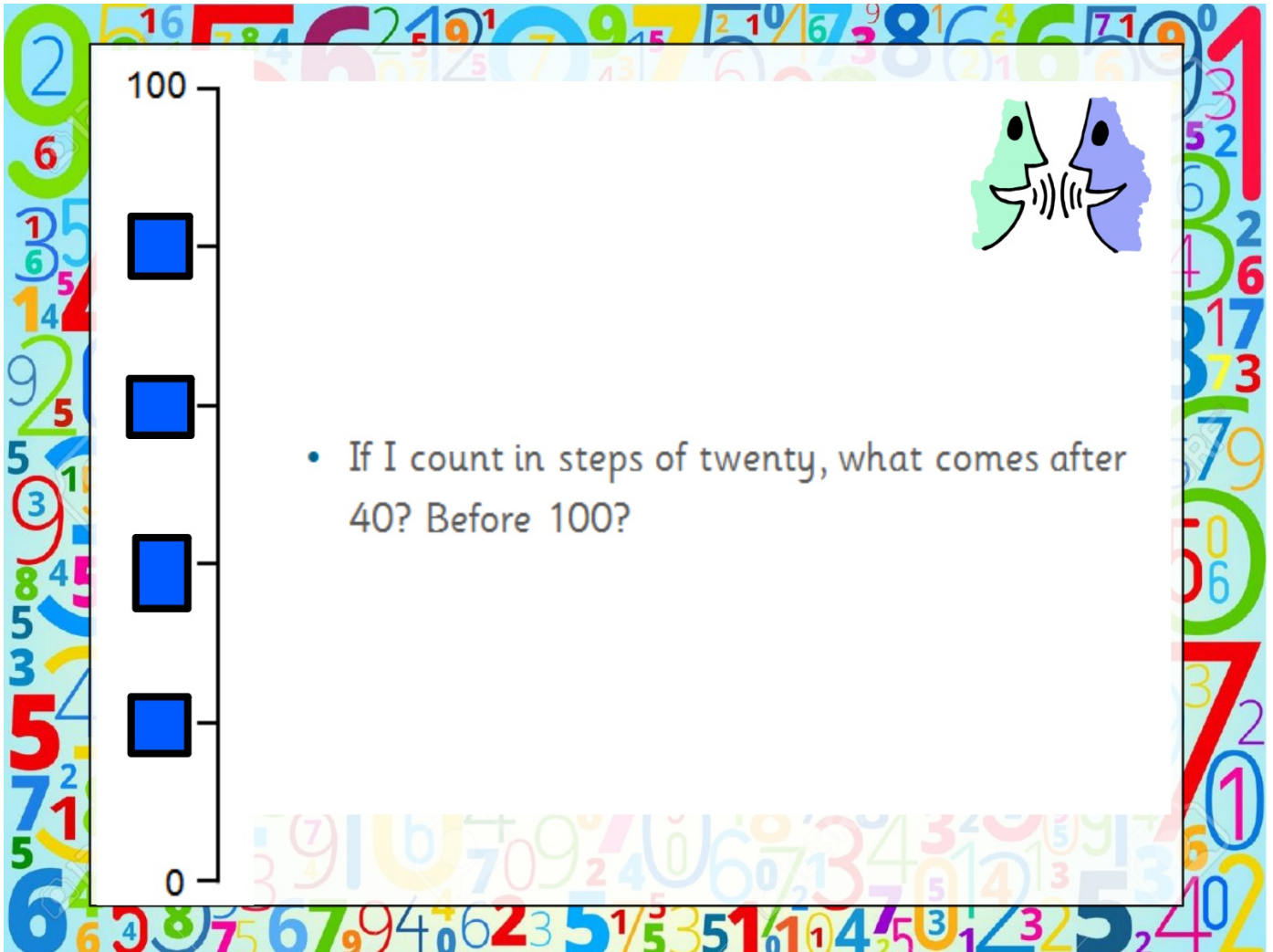
50

25

0



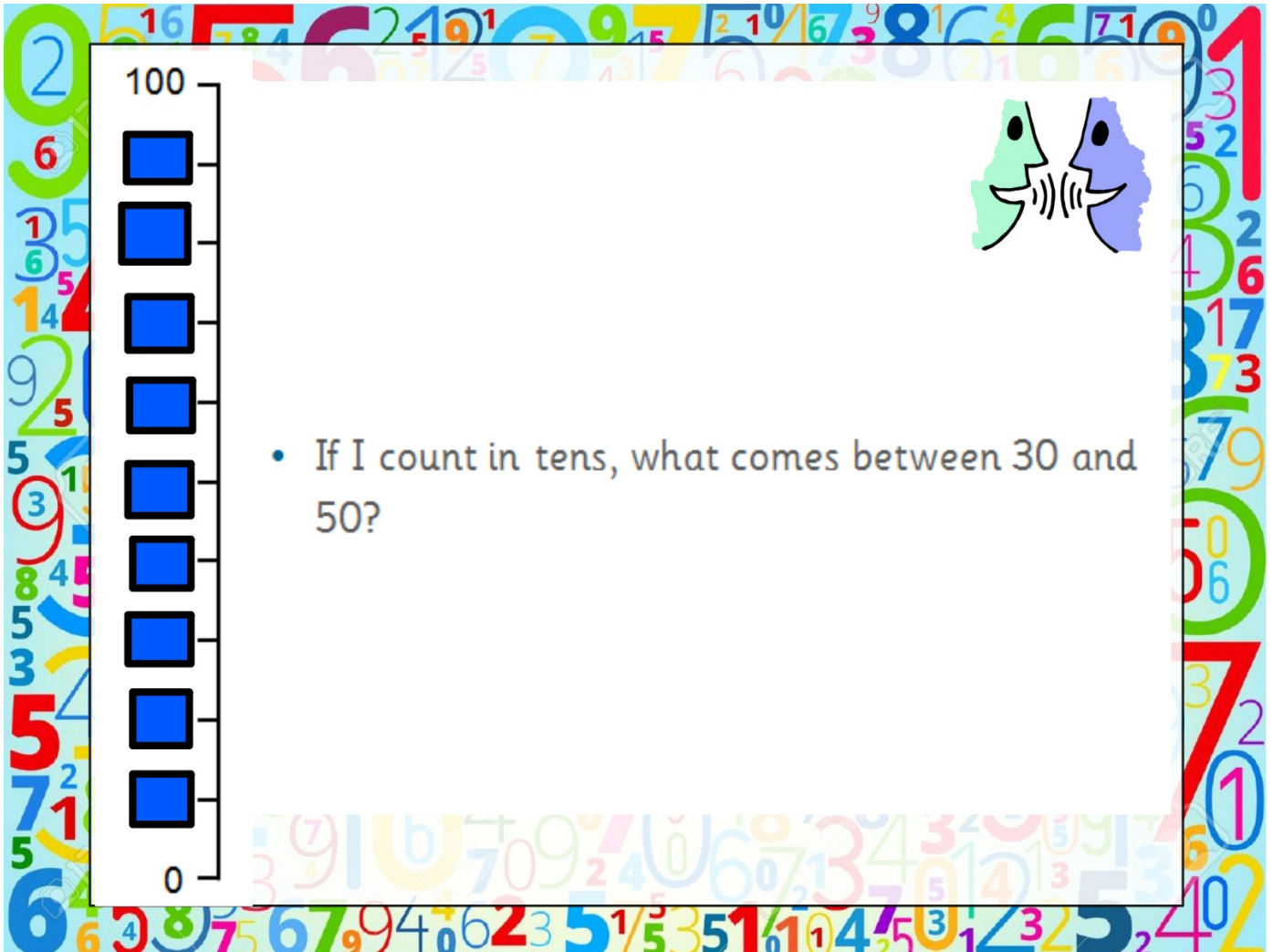
- Now let's count in steps of twenty-five. Can you count backwards from each of these?



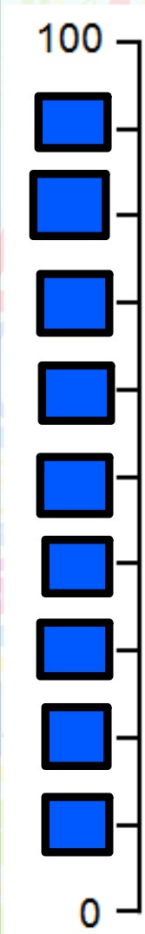





- If I count in steps of twenty, what comes after 40? Before 100?



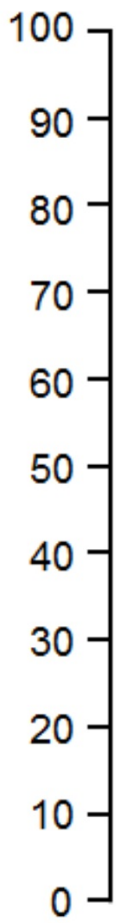
100



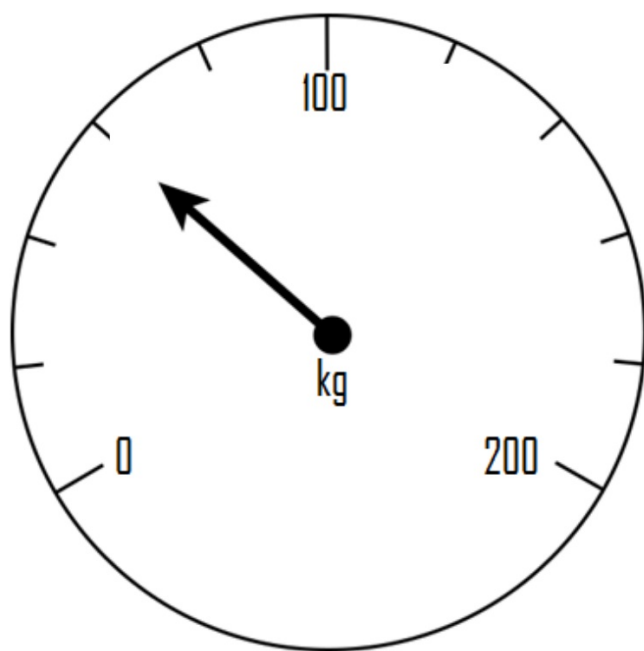
0



- If I count in tens, what comes between 30 and 50?

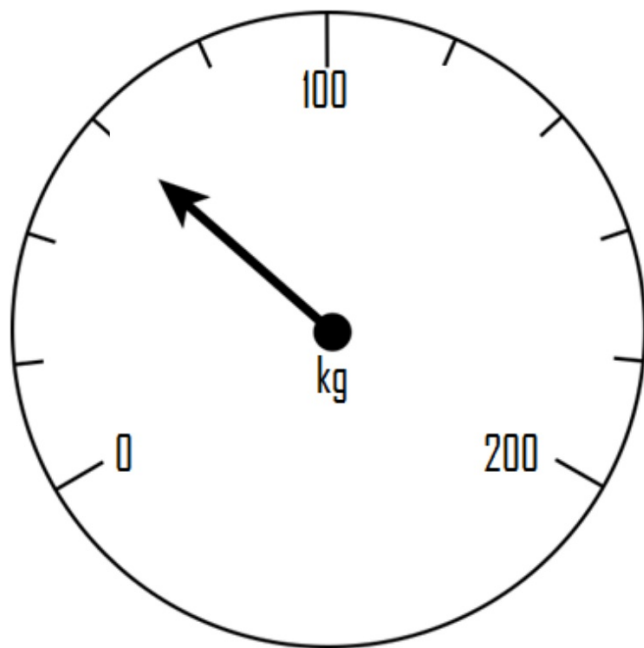


- If I count in tens, what comes between 30 and 50?

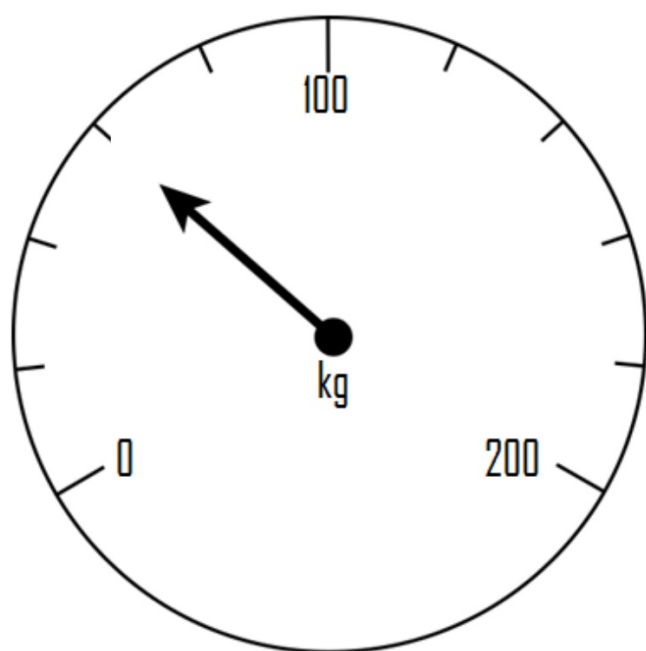


Scale 1

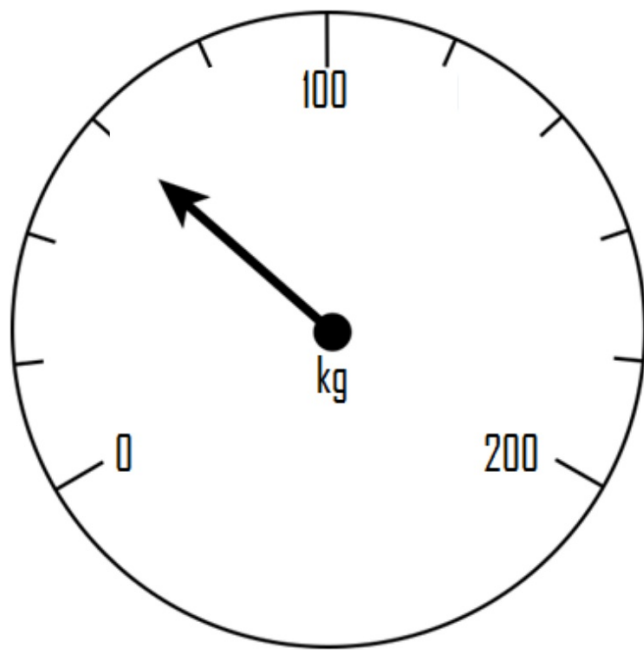
- What is different about this representation? Where might you see this?
- Has the arrow stopped before or after 100? How do you know?



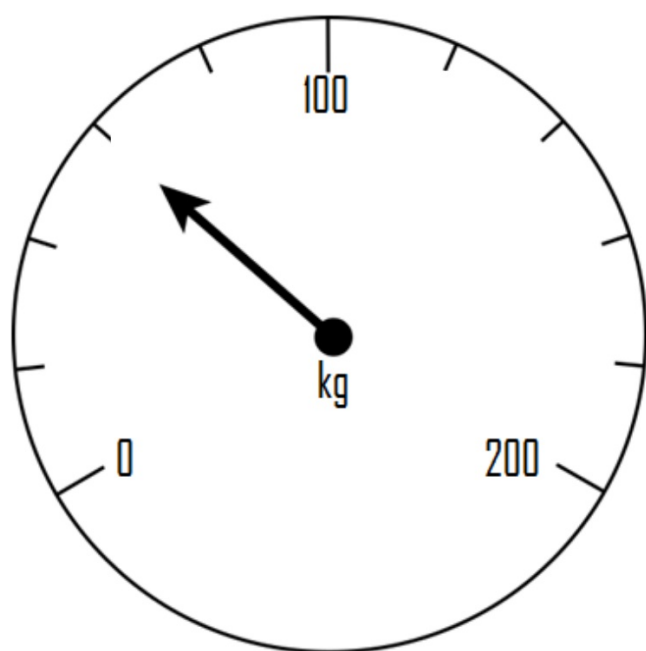
- How many intervals are there between zero and 100?  
So, what interval do we need to count up in?



- What value is the arrow pointing to?



- Did you get 60kg? Count in steps of 20 from zero to check if you are correct?

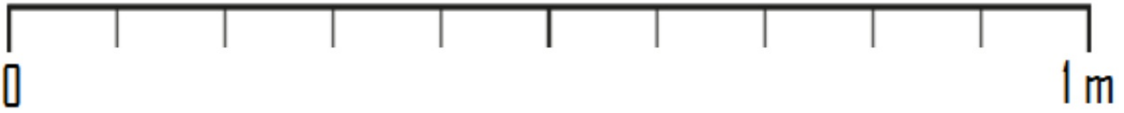


- Can you point to where 180kg is on this measuring scale? What about 190kg?

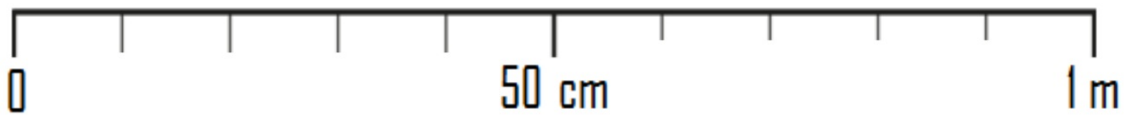




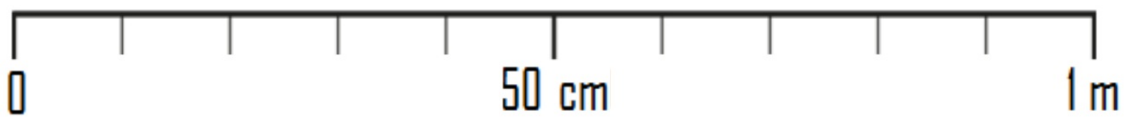
Scale 2



- Do you think this ribbon is longer or shorter than 100cm? How do you know?



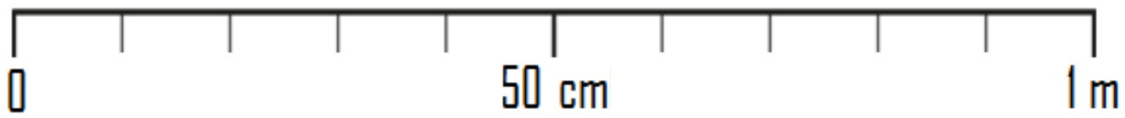
- Could it be 40cm long?



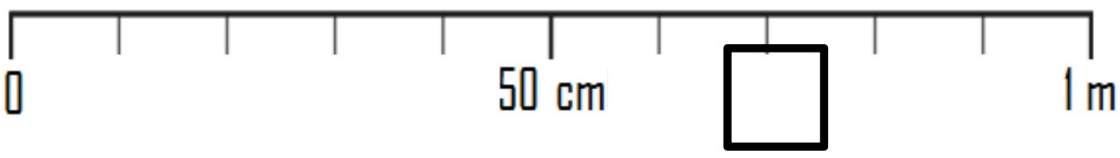
- Could it be 40cm long? Why not?



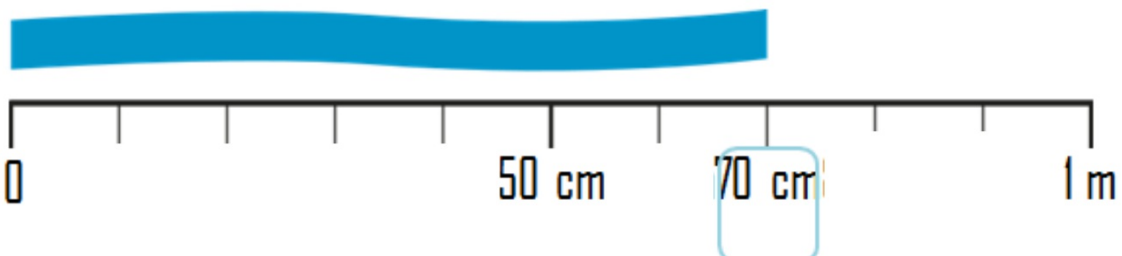
- How many intervals are there between zero and 100cm?



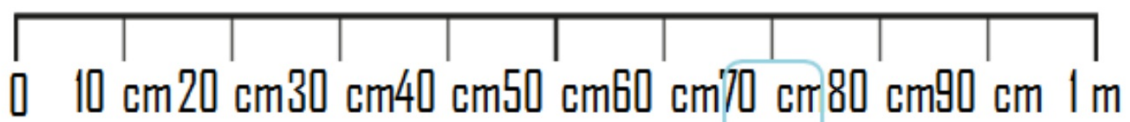
- How many intervals are there between zero and 100cm? So, what interval do we need to count up in?



- How long is the ribbon?

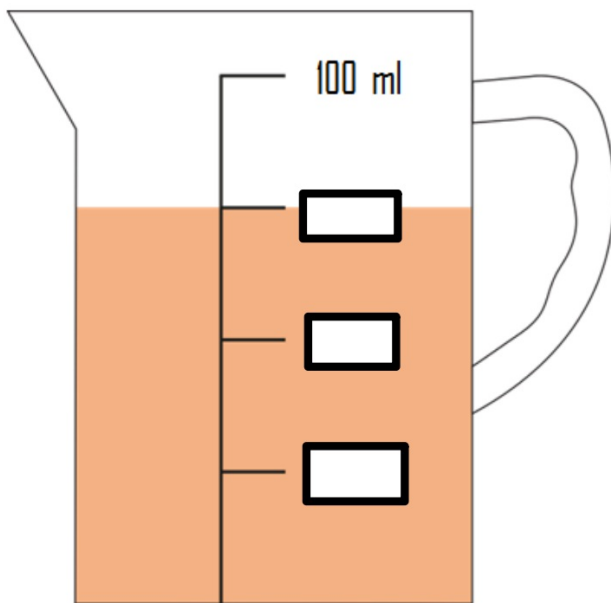


- Did you get 70cm? Count in steps of 10 to check if you are correct.



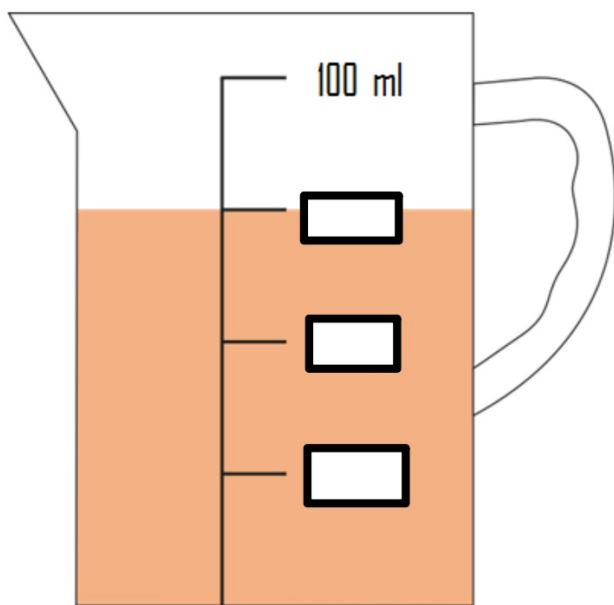
- How long would the ribbon be if we cut off 20cm?



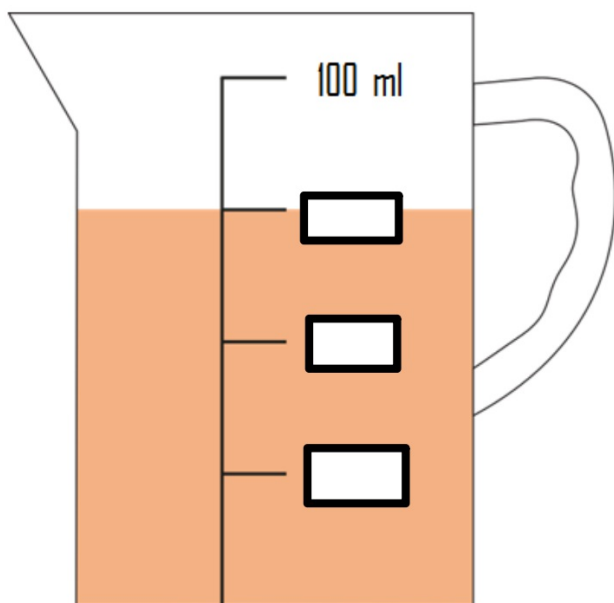


Scale 3

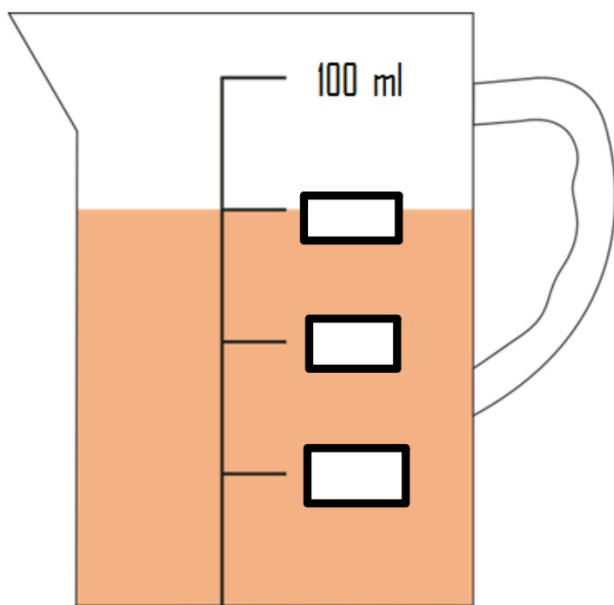
- How many intervals are there between zero and 100ml on this measuring jug?



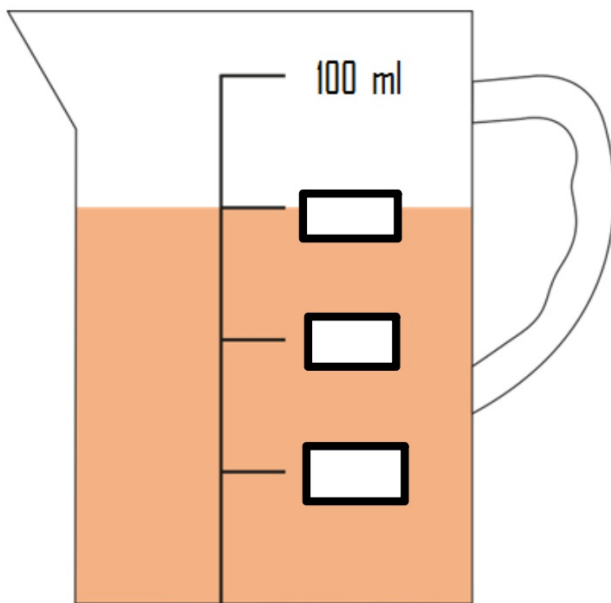
- How many intervals are there between zero and 100ml on this measuring jug?
- So, what interval do we need to count up in?



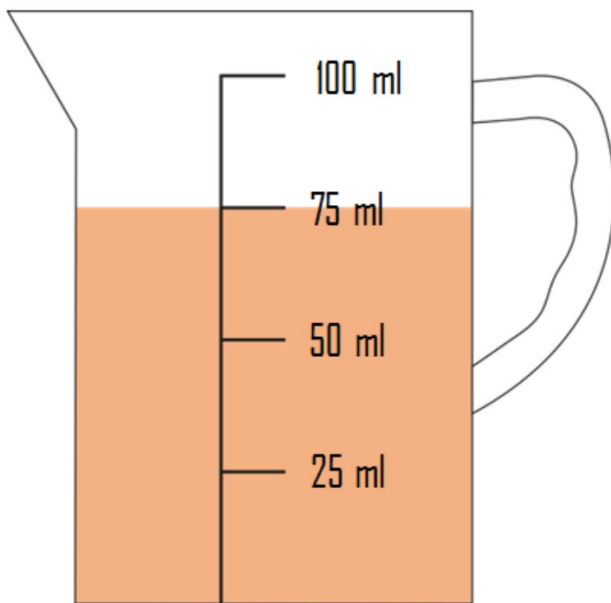
- How much liquid do you think is in the jug?



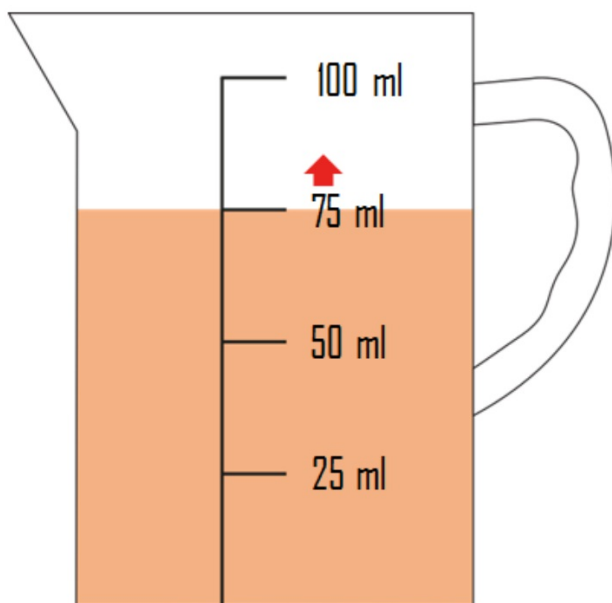
- Did you get 75ml?



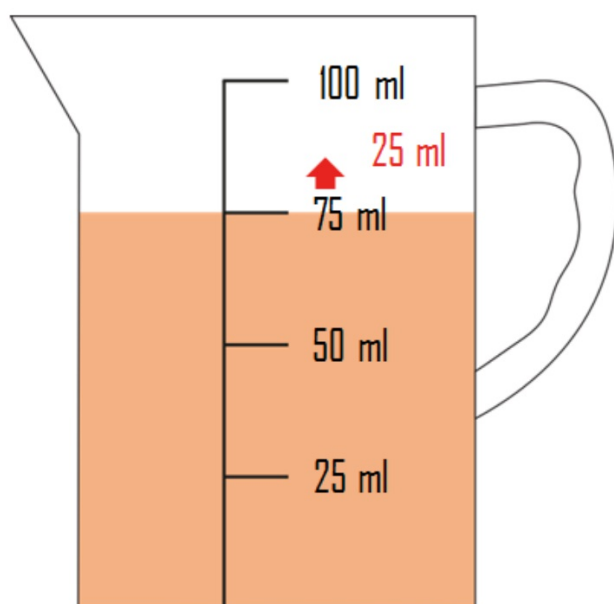
- Did you get 75ml? Count in steps of 25 from zero to check if you are correct.



- Did you get 75ml? Count in steps of 25 from zero to check if you are correct.

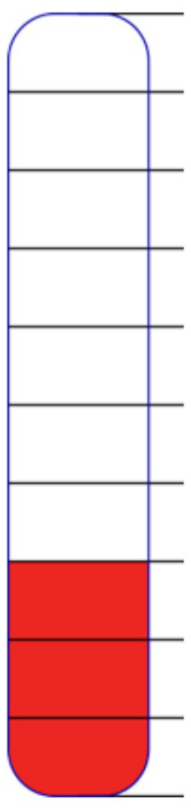


- How much more liquid needs to be poured in to reach 100ml? How do you know?



- How much more liquid needs to be poured in to reach 100ml? How do you know?





£100

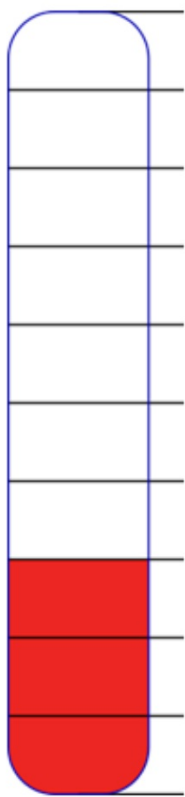


Scale 4

- What do you notice about this numberline?



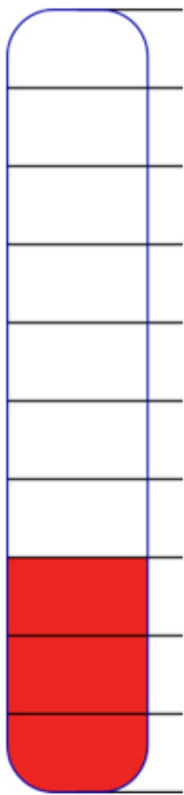
£100



- How many intervals are there between zero and £100?



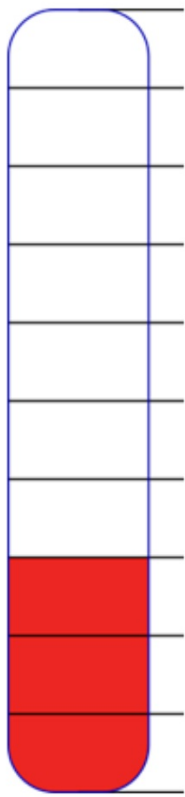
£100



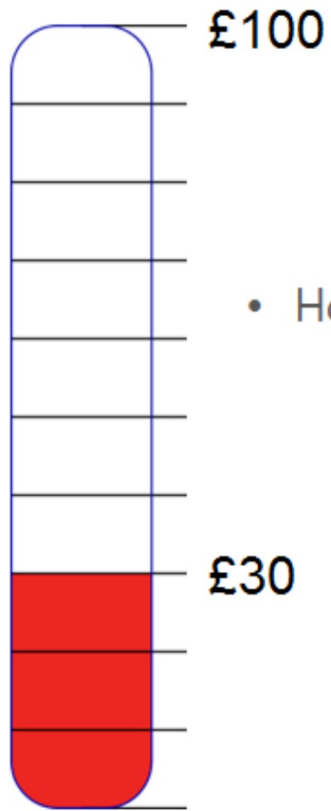
- How many intervals are there between zero and £100?
- So, what interval do we need to count up in?



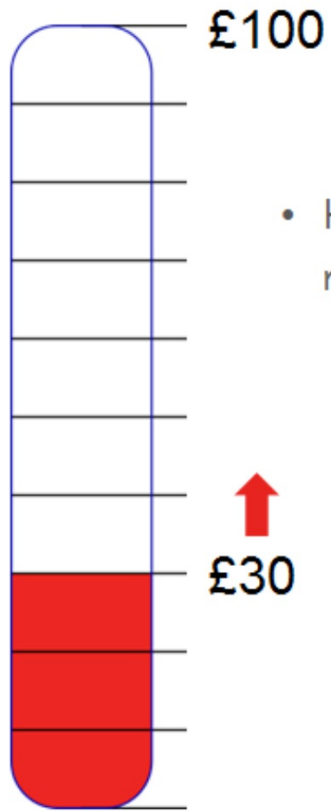
£100



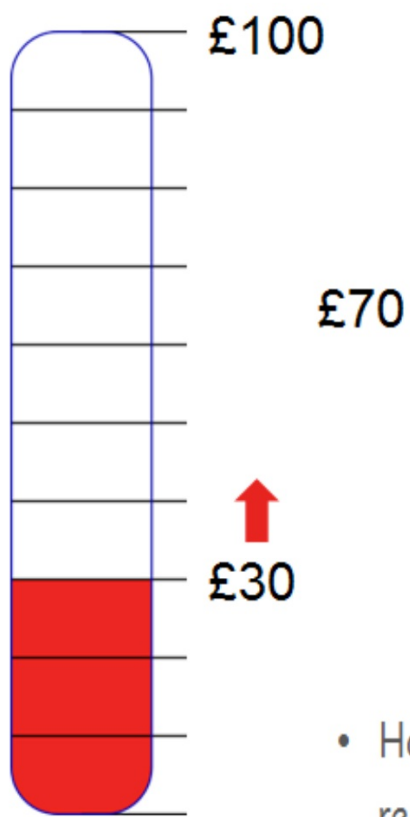
- How much money has been raised so far?



- How much money has been raised so far?



- How much more money needs to be raised to reach £100? How do you know?



- How much more money needs to be raised to reach £100? How do you know?