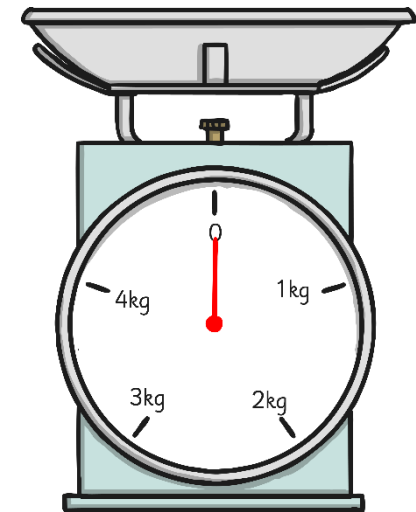
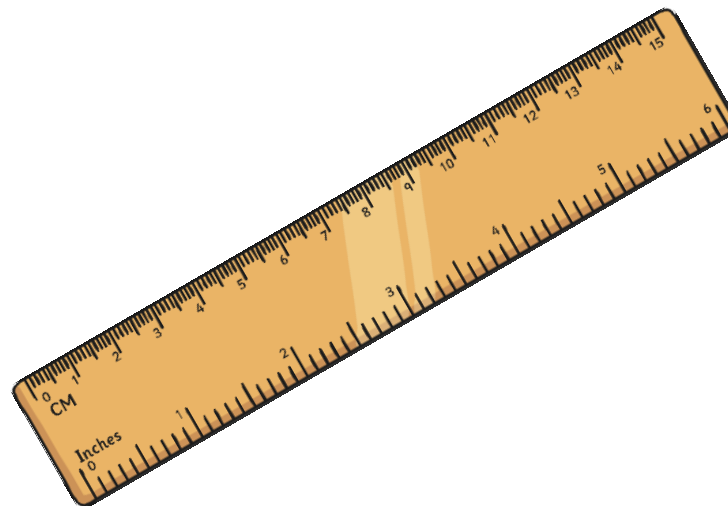


Reading scales

Where would you see a scale?

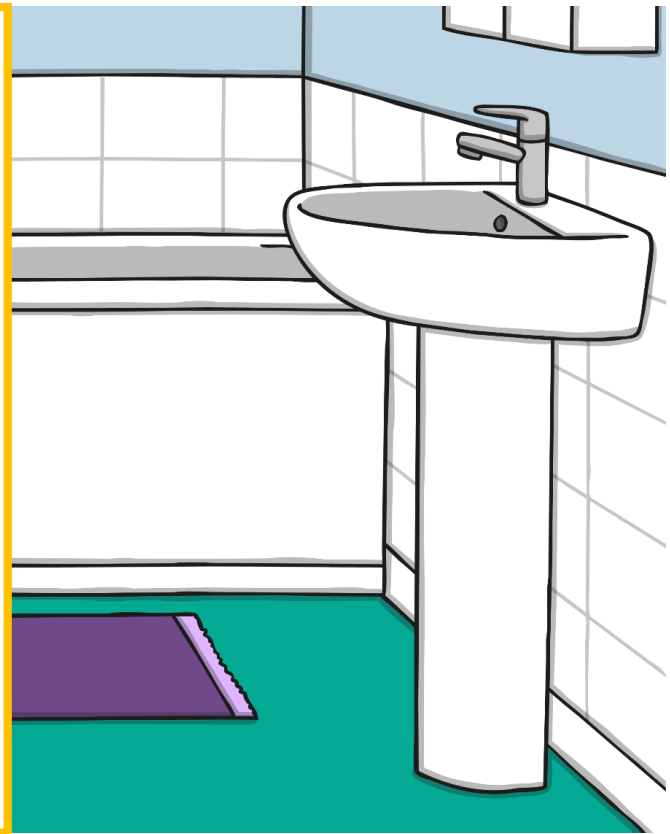
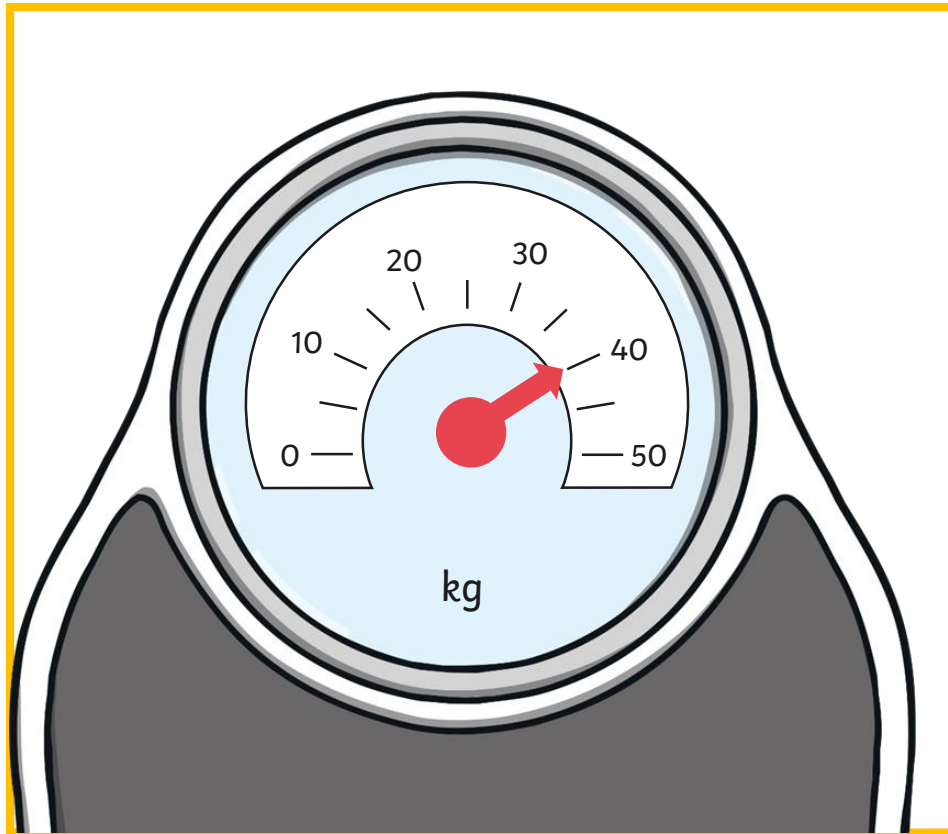
How many different places can you think of?

How many different types can you think of?



Today we will be using scales to measure mass in kilograms - kg

Here are some bathroom scales. They measure kilograms.



REMEMBER

There are **1000 grams** in **1 kilogram**.

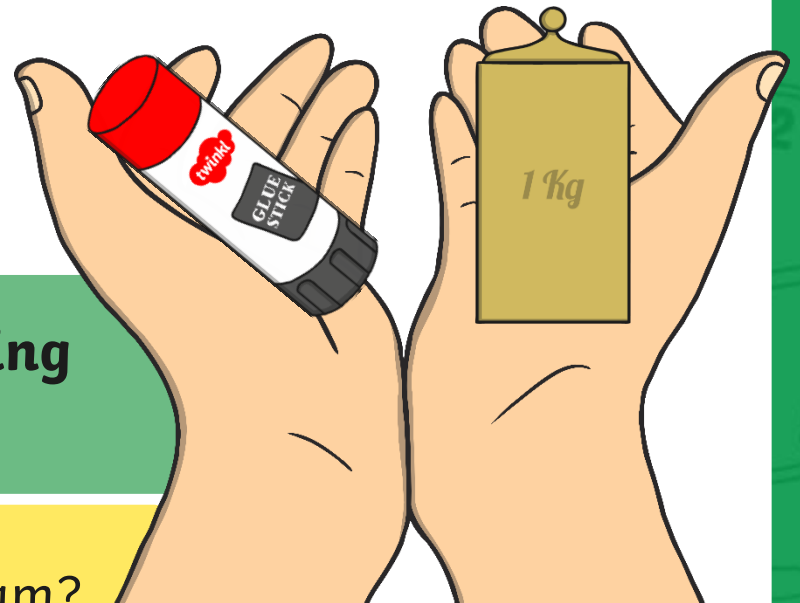
We can write **g** for gram.

We can write **kg** for kilogram.

$$1000\text{g} = 1\text{ kg}$$

We measure heavier objects using **kilograms**.

What objects are heavier than a kilogram?
What objects are lighter than a kilogram?



Use these tips for reading scales...

Find zero

Look at the numbers – what do they go up in?

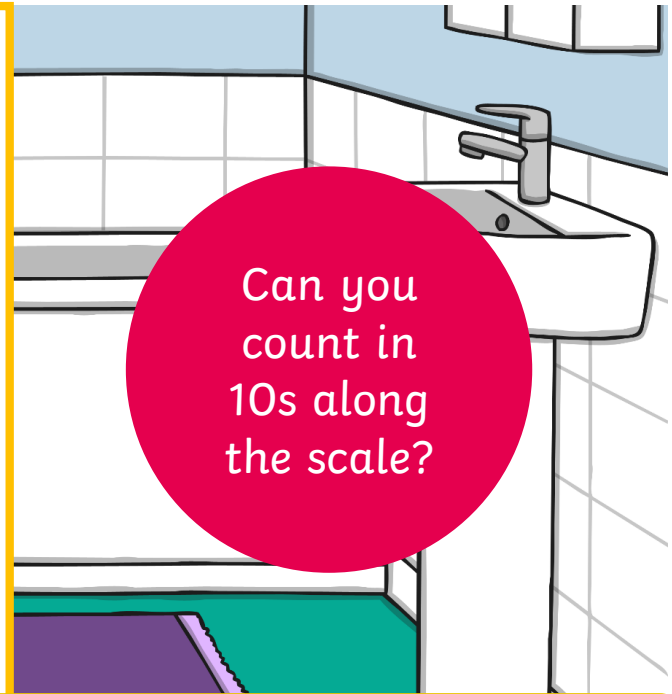
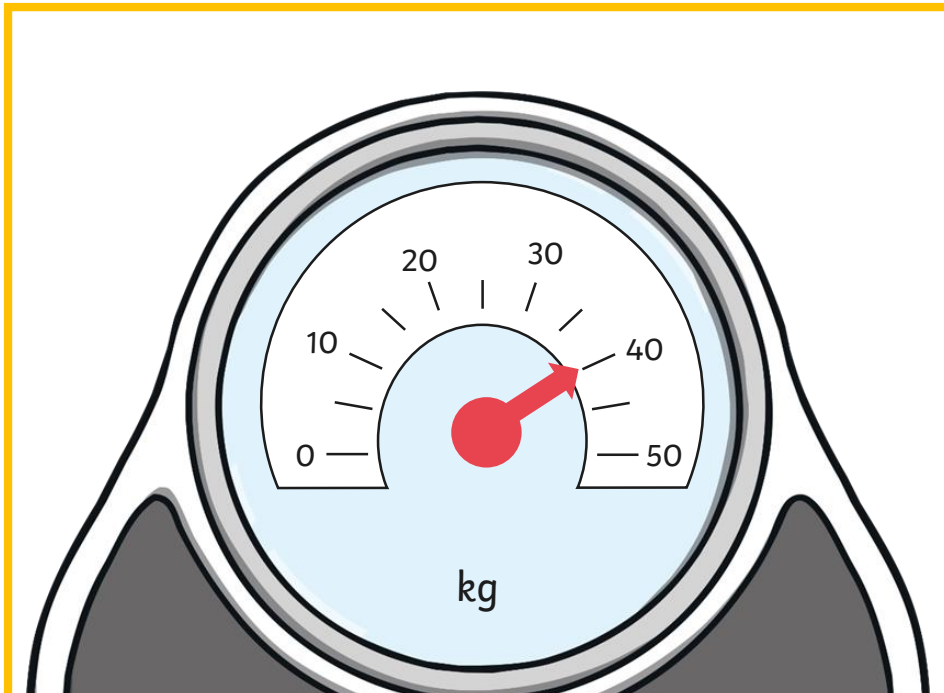
Are there any extra lines between the numbers?

What do you think they represent?

Test your theory by counting between the numbers.

Reading Scales

Here are some bathroom scales. They measure kilograms.



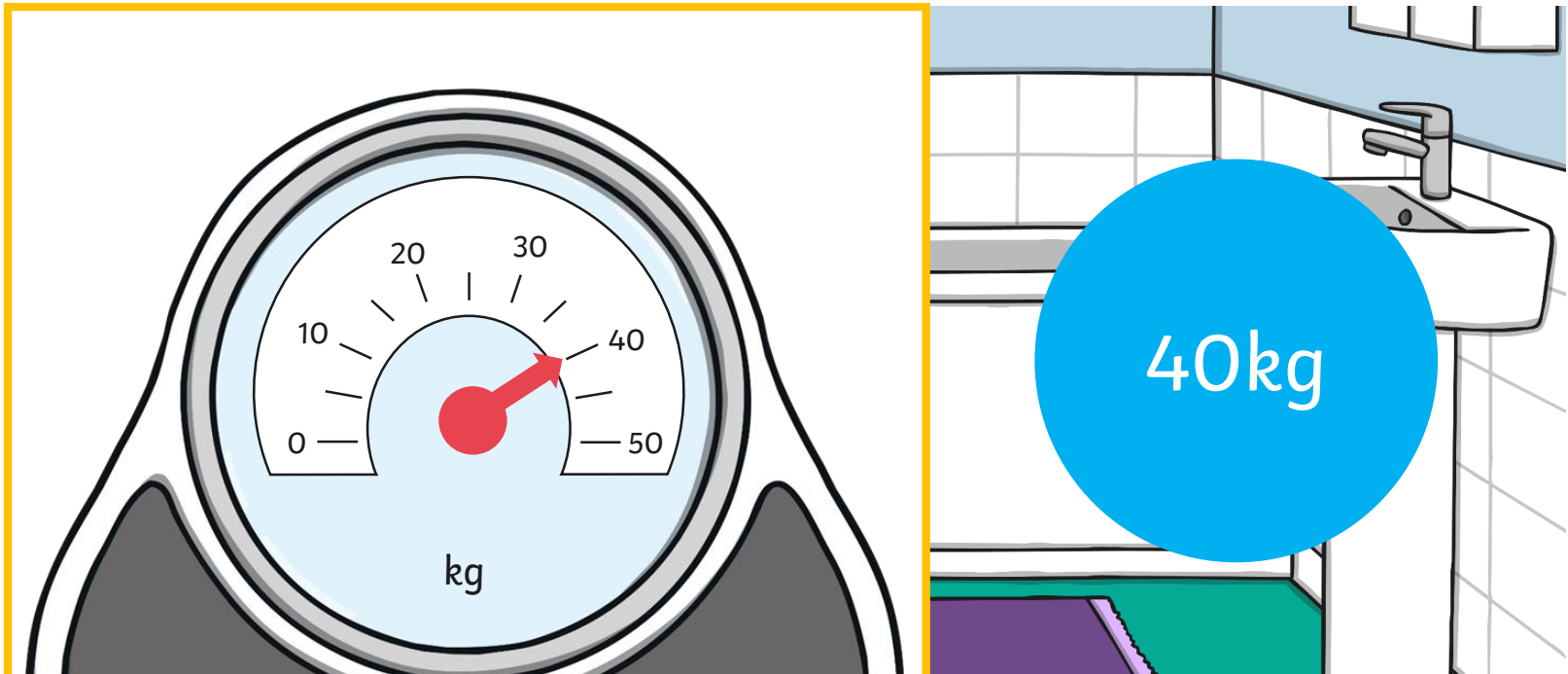
Can you
count in
10s along
the scale?

?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?

Reading Scales

Here are some bathroom scales. They measure kilograms.

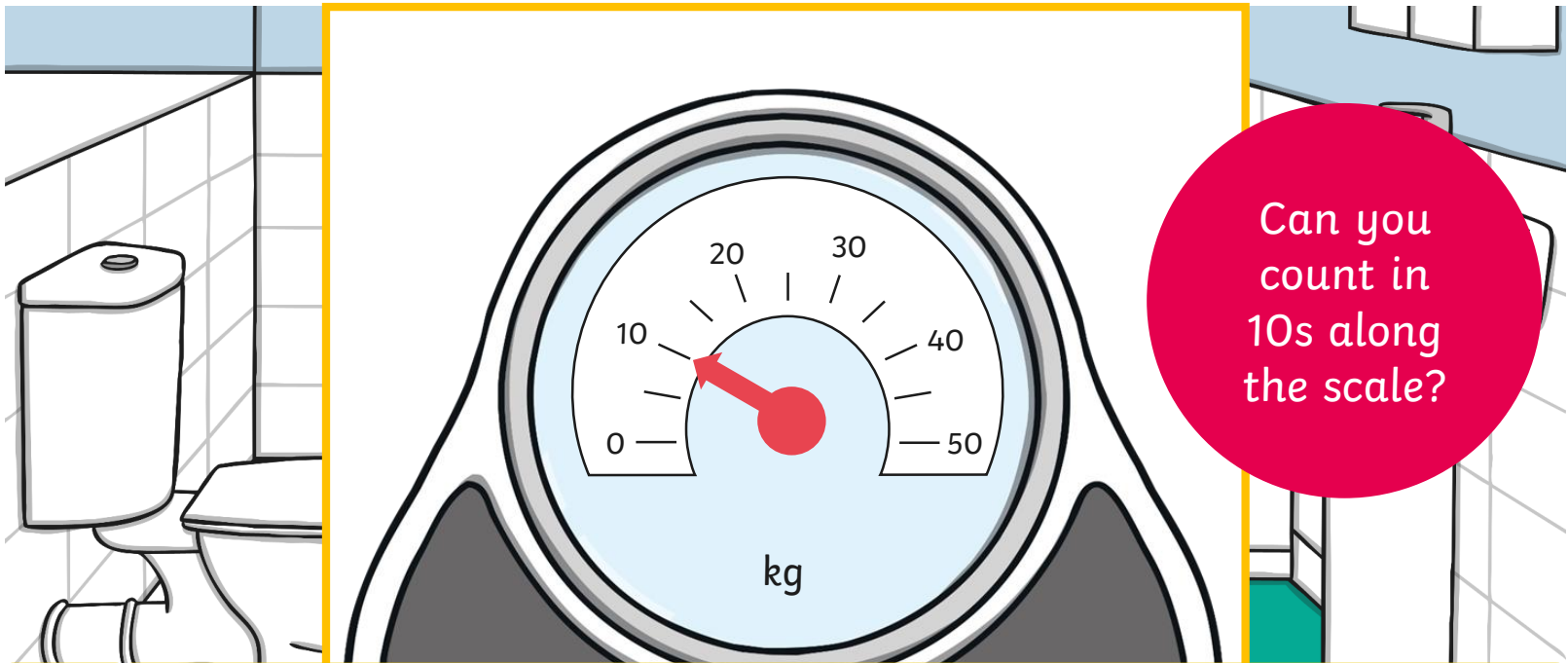


?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?

Reading Scales

Here are some bathroom scales. They measure kilograms.



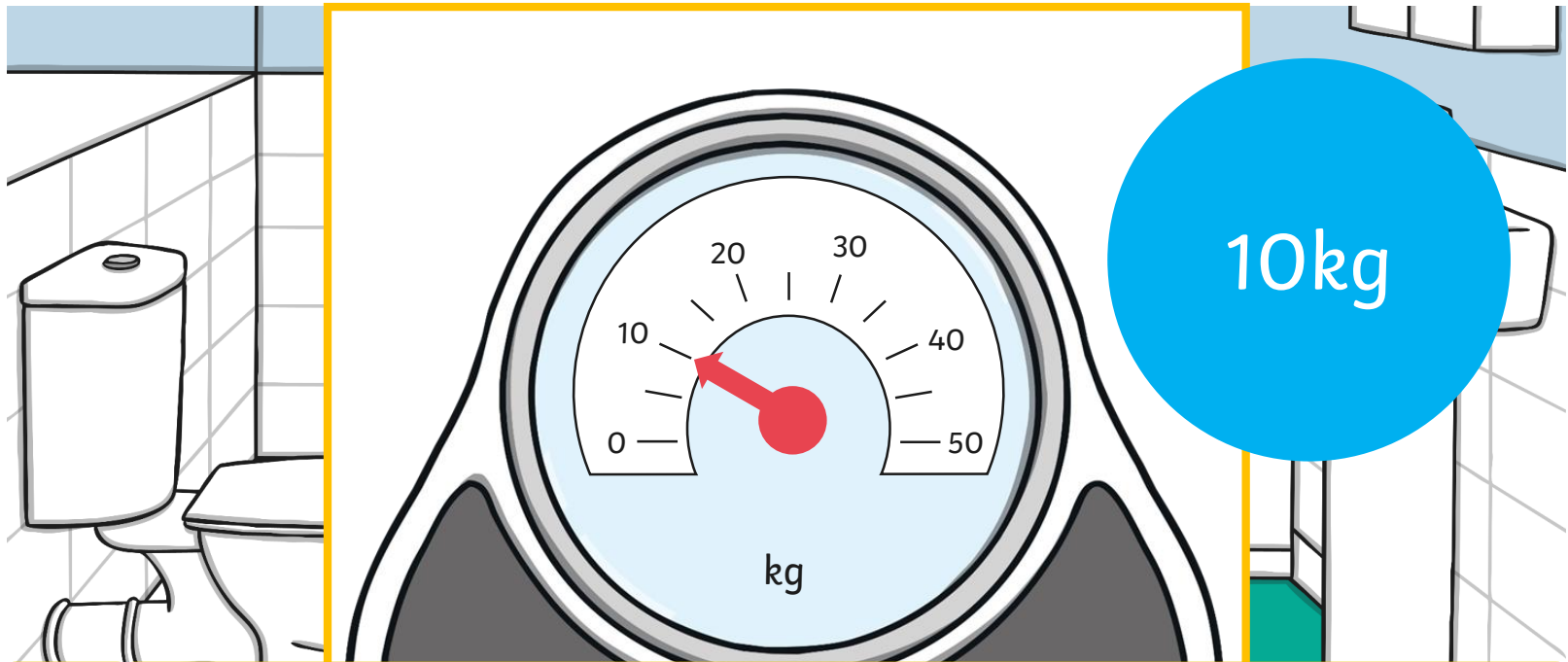
Can you
count in
10s along
the scale?

?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?

Reading Scales

Here are some bathroom scales. They measure kilograms.

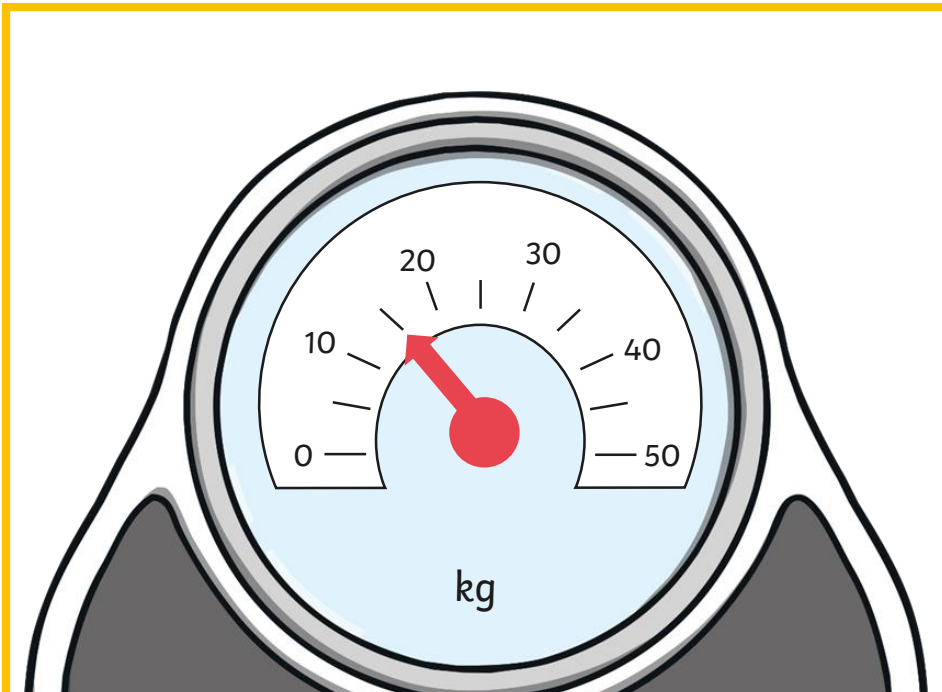


?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?

Reading Scales

Here are some bathroom scales. They measure kilograms.



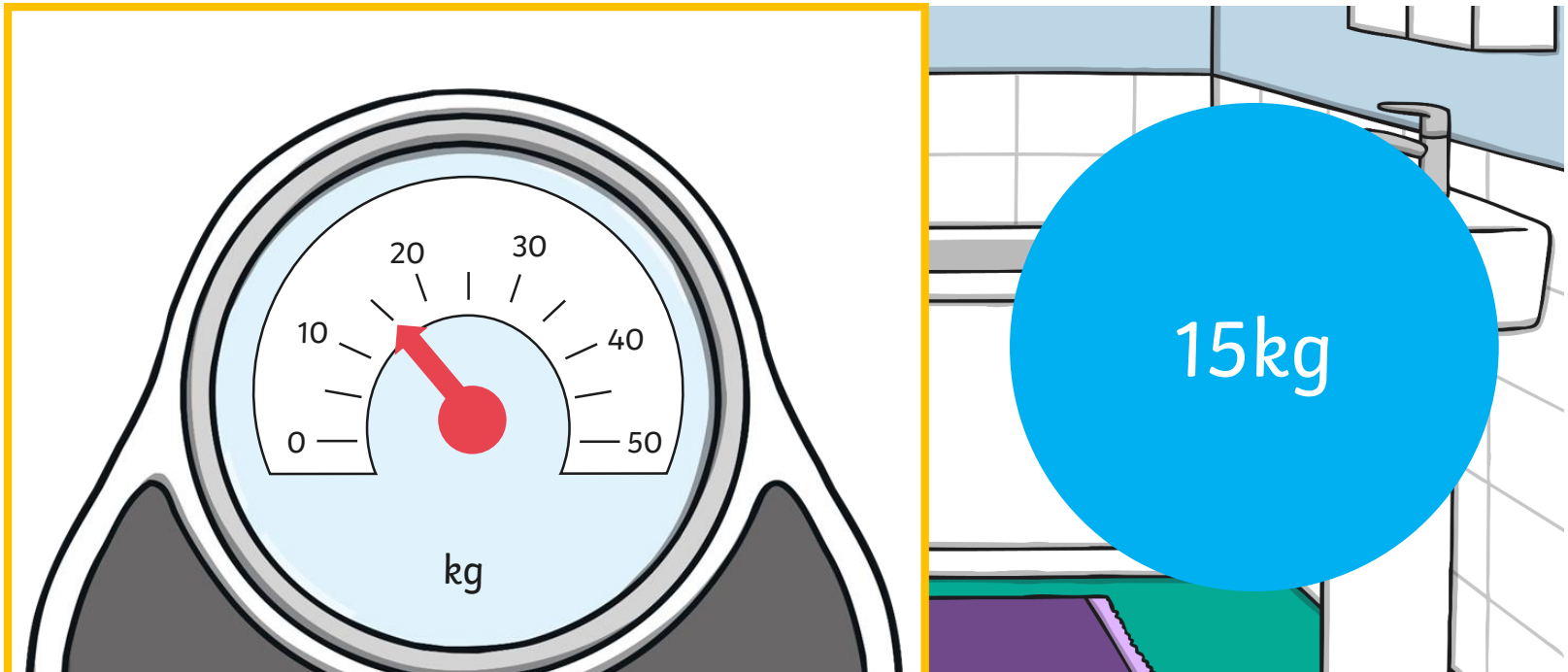
The dial is between 10 and 20.
What number is half way between?

?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?

Reading Scales

Here are some bathroom scales. They measure kilograms.

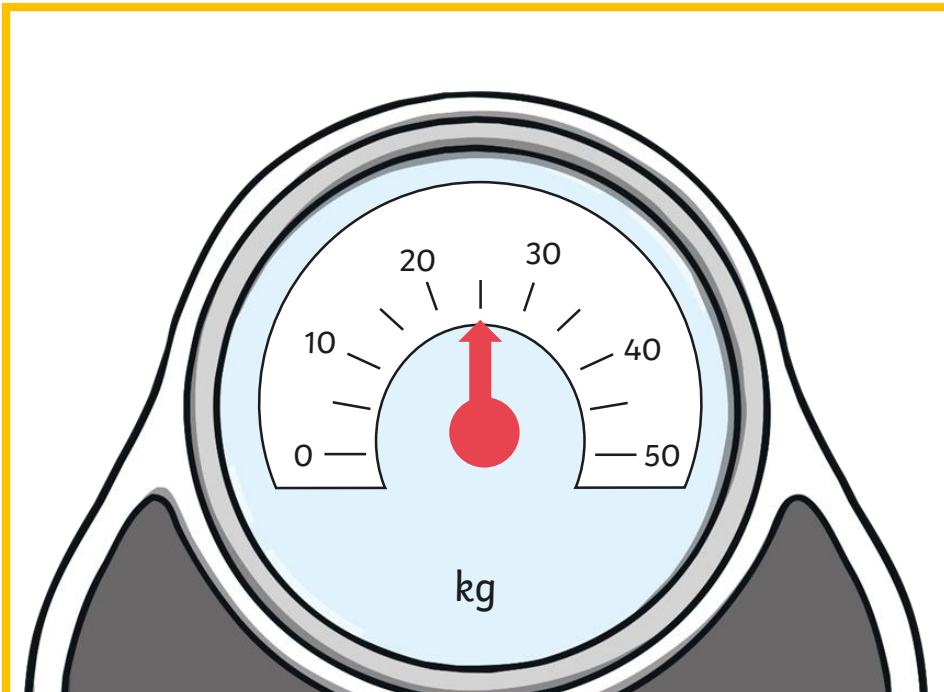


?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?

Reading Scales

Here are some bathroom scales. They measure kilograms.



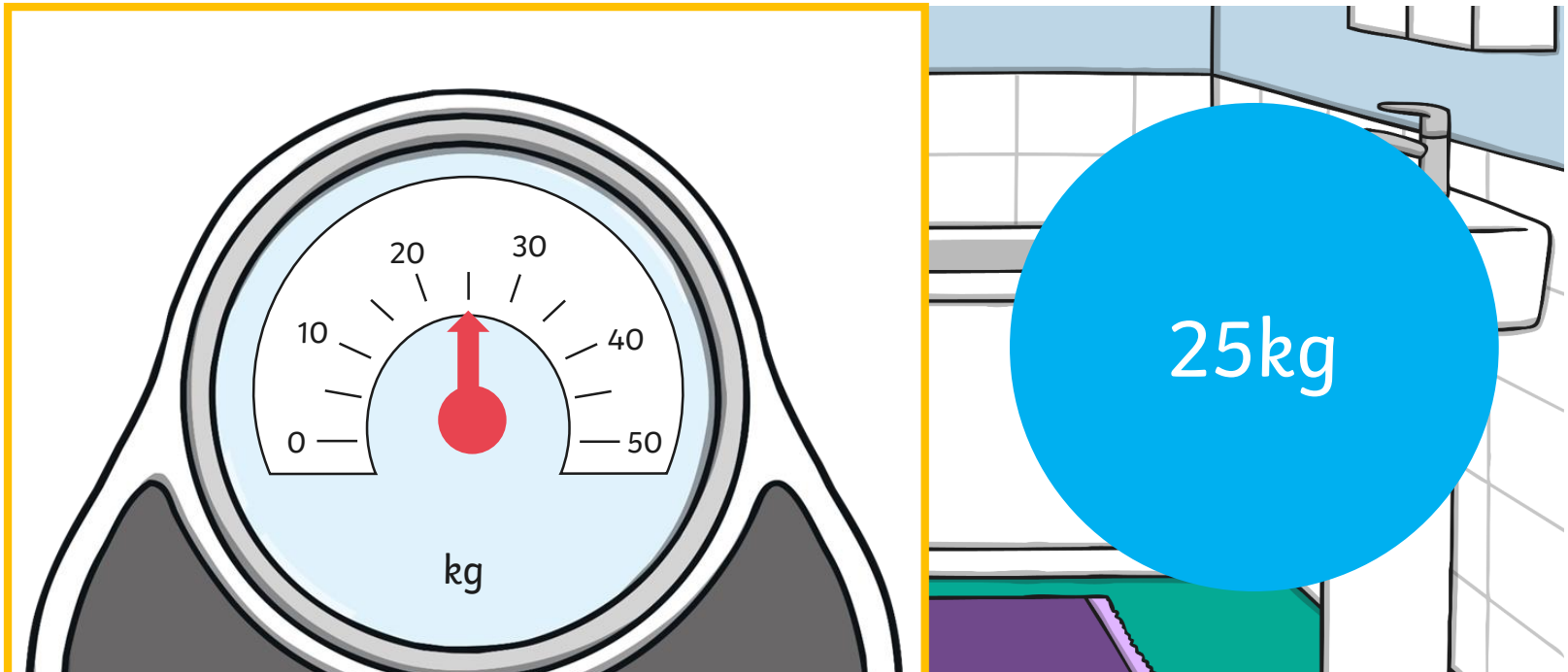
The dial is between 20 and 30. What number is half way between?

?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?

Reading Scales

Here are some bathroom scales. They measure kilograms.



?

Where is the arrow pointing to on the scale?
How many kilograms are the scales measuring?