

Workcard

Number

m42w3

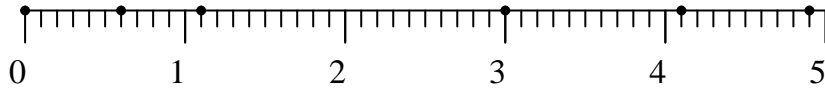
Level: 4

Strand: Measurement

Substrand: Direct Measure

Reading Measurements

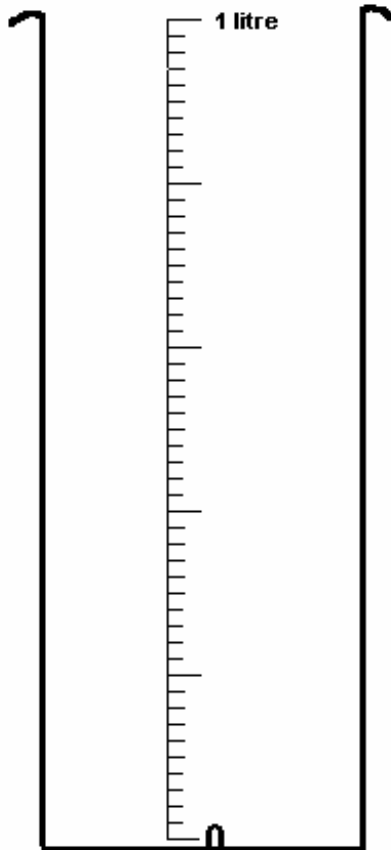
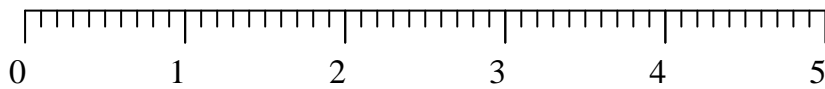
Write down the six values represented by dots on this ruler.



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On the ruler below mark these spots.

0.4 4.2 1.0 2.9 3.1 5.1



To the left is a beaker. On the diagram mark the levels that would represent the following volumes of liquid.

- 20mL
- 100mL
- 200mL
- 400mL
- 500mL
- 1000mL

This scale was difficult because it was graduated in 20mL lots

Now on a new piece of paper draw a measuring container that holds 1 litre and show a set of marking which would be easier to read.

Draw a ruler with markings from 1 cm to 10 cm on a piece of graph paper.



Mark on it 7 different points

Cut out the ruler

On the back write down the values of the points for example 1.3cm, 8.9 cm

Check that your answers are correct

Hand it to the teacher.

Now get from the teacher somebody else's ruler

Write down what you think the answers are.

Then check them by turning the ruler over.

Now draw a beaker similar to the one on the other page. You may use a jug, bowl or measuring cylinder instead.

On your diagram show various levels write the answers on the back.

Check that your answers are correct

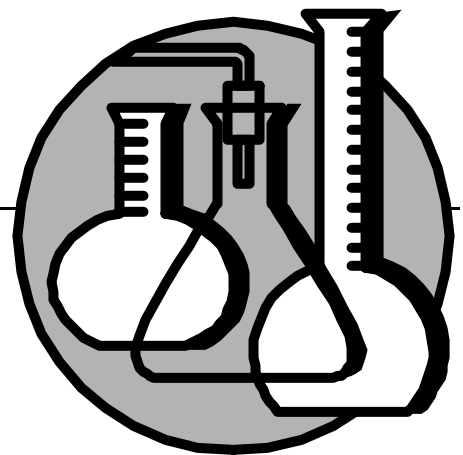
Hand it to the teacher.

Where do you use graduated measurements?

Write down 10 different situations where you had to measure something using a graduated scale.

What was the easiest one you have used?

What was the hardest one you have used?



Reflection

What did you do well in this activity?

What could have you improved?

What new things have you learnt?