Please make sure that you print this resource at 100% so that all measurements are correct.
To do this, follow the relevant steps below.

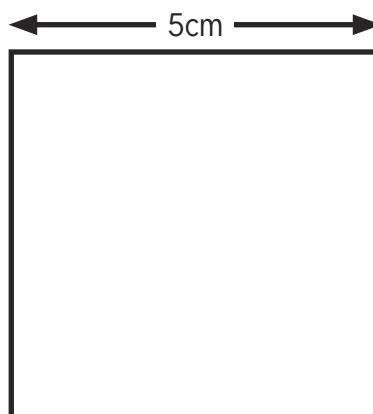## Adobe Reader or Adobe Acrobat

- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to https://get.adobe.com/uk/reader/.

- Once Adobe Reader is installed, open your PDF.

- Go to File>Print.

- Under 'Page Sizing & Handling', select 'Size'.

- From here, make sure that 'Actual Size' is selected.

- Print this page as a test, making sure that the shape below is the correct size once printed.

- If the test print is correct, print your PDF.

Foxit Reader

- Go to File>Print.

- Set the 'Scaling' to 'None'.

- Print this page as a test, making sure that the shape below is the correct size once printed.

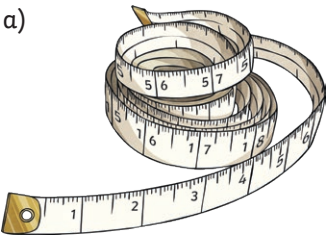- If the test print is correct, print your PDF.

Web Browser

- If printing from a web browser, such as Chrome, Firefox or Microsoft Edge make sure that your printer is set to print at 100%, either by unticking 'Fit to Page' or selecting 'Actual Size'.

- Print this page as a test, making sure that the shape below is the correct size once printed.
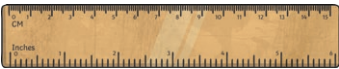
- If the test print is correct, print your PDF.

5cm

1) Which unit of measurement is each piece of equipment best to measure? Millimetres, centimetres or metres?
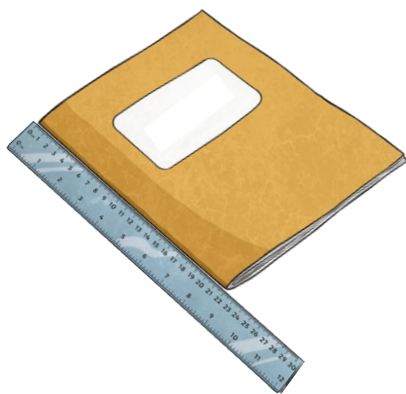
a)

b)

c)

2) What is the length of the exercise book in centimetres?

3) What is the length of each line in centimetres?

Red = _____cm

Blue = _____cm

Green = _____cm

4) What is the length of each line in millimetres?

Red = _____mm

Blue = _____mm

Green = _____mm

1) Jana and Fredrick are cutting pieces of rope to make skipping ropes.

Jana: We should measure each piece in centimetres. It will be easier.

Fredrick: We should measure each piece in millimetres to be more accurate.

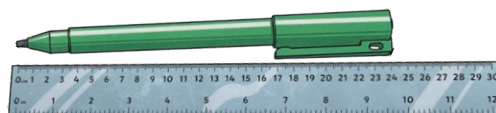Who do you agree with? Explain your reasons.

_____

_____

2) Jana, Fredrick and Declan have each measured the length of their pens.
Do you agree with Jana, Fredrick and Declan? Explain your reasons.

Jana: My pen is 24mm long.

Jana is correct/incorrect because _____

_____

Fredrick: My pen is 17cm, 6mm long.

Fredrick is correct/incorrect because _____

_____
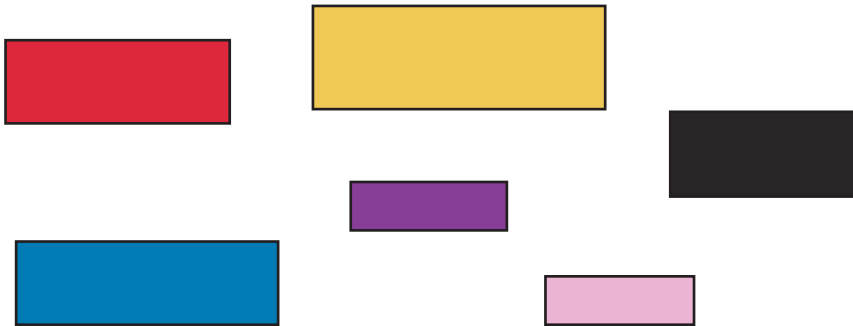
Declan: My pen is 16cm long.

Declan is correct/incorrect because _____

_____

1) Declan is making a string of beads. His string is 90mm long.

Measure each bead and find two ways he could fill the string. You can use more than one of each colour.

Combination 1: _____

Combination 2: _____

2) Jana has a piece of string that is 134cm long.

a) Can you find an object in the classroom which is the same length as Jana's string?

_____

b) Find a set of objects which have a total length the same as Jana's string.

_____