

# Teacher notes

Children will use a ruler to measure the length of lines then extend their knowledge to measuring objects. Children will need to be reminded to line their ruler up to the 0cm mark. They must write their answer in centimetres using the correct notation.

## DEVELOPING



Children will measure horizontal straight lines. Children may work in partners for the extension activity.

## SECURE



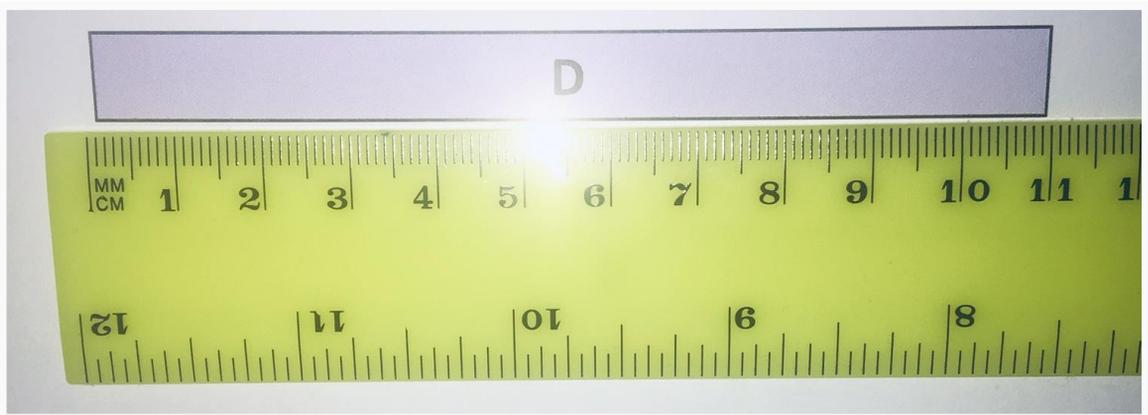
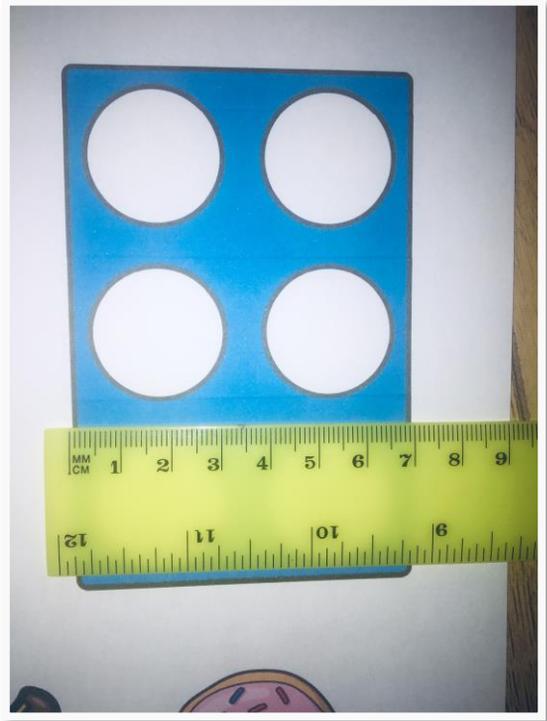
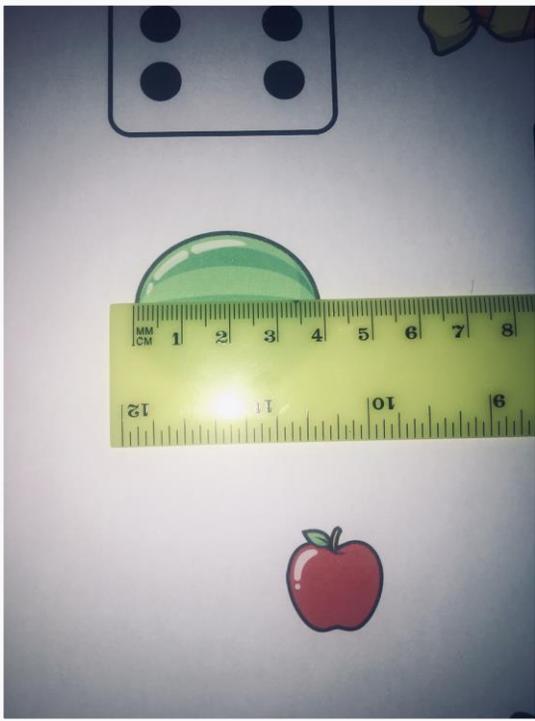
Children will measure lines of different orientations.

## MASTERY



Children will measure lines of different orientations. They will then draw lines from a given measurement.

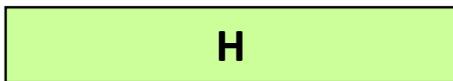
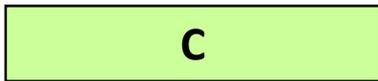
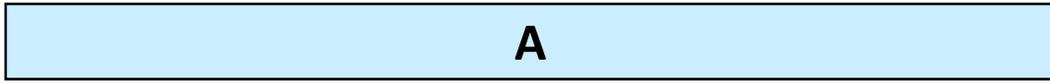
Examples:



# Measuring with a ruler

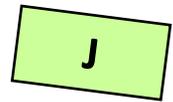
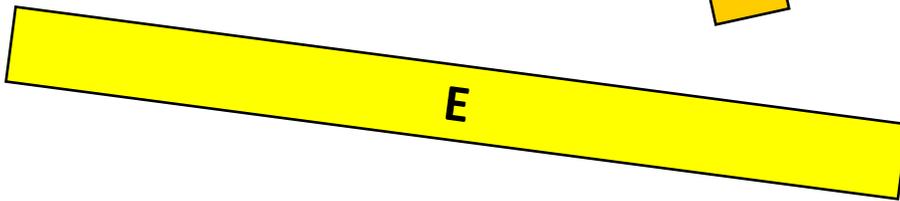
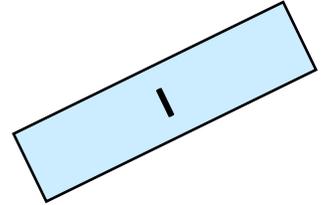
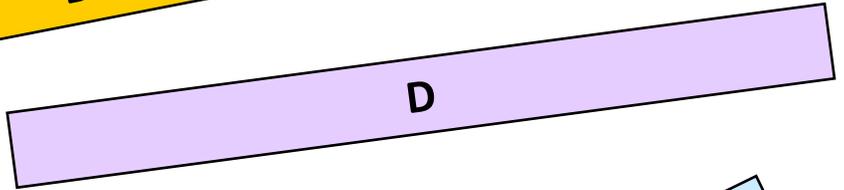
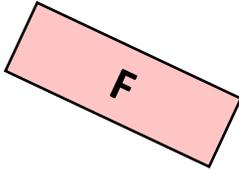
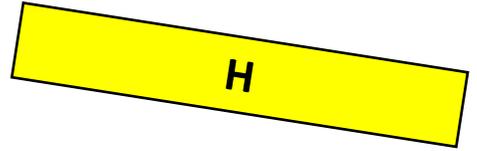
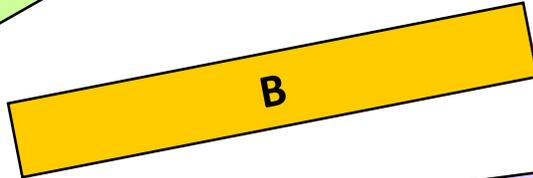
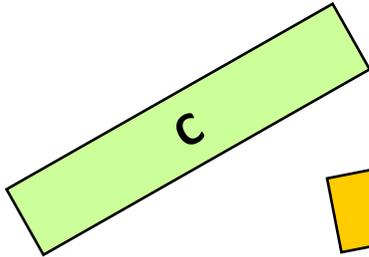
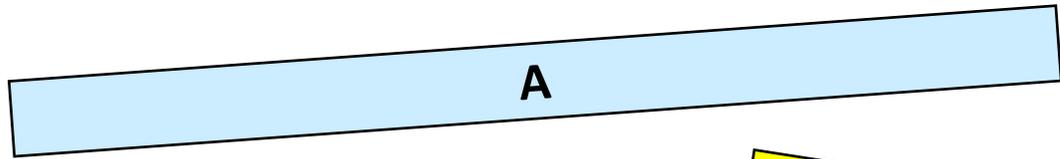


Use a ruler to measure the following lines then write your answers in cm.



# Measuring with a ruler

Use a ruler to measure the following lines then complete the table below.  
Write your answers in cm.



Block	How many cm?
A	
B	
C	
D	
E	

Block	How many cm?
F	
G	
H	
I	
J	

# Drawing with a ruler



Draw lines in the boxes to show the following measurements.

4cm

7cm

13cm

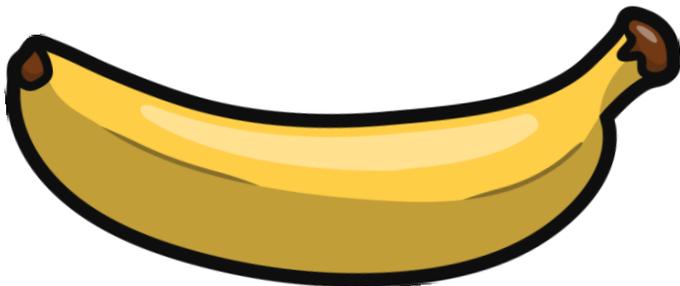
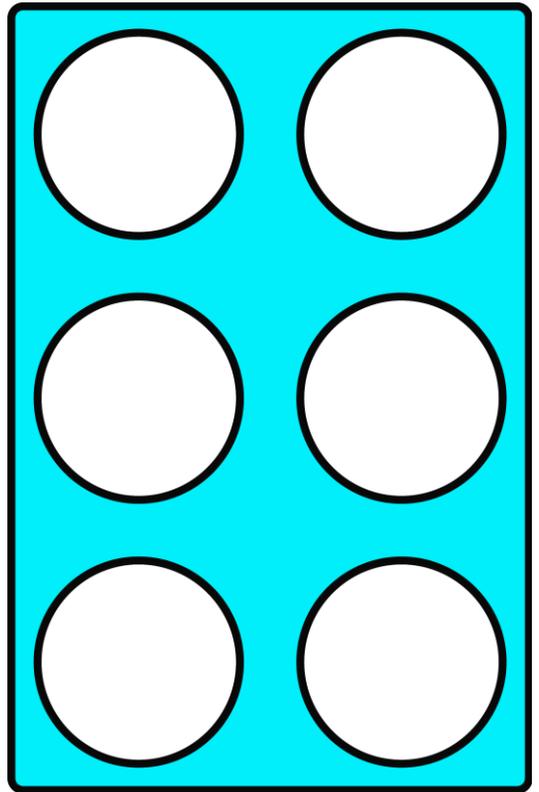
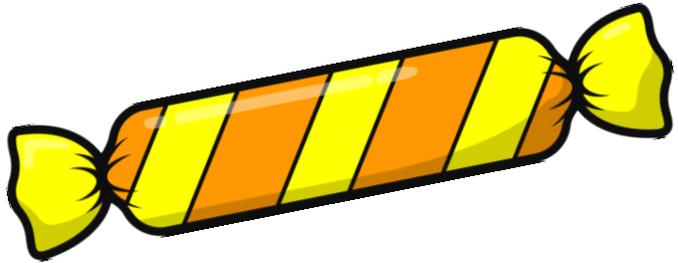
10cm

9cm

3cm

# Extension

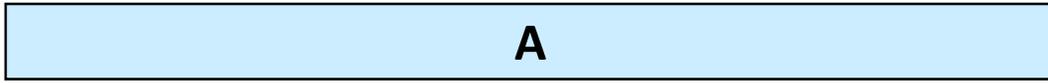
Use a ruler to measure the how long each of the items are.  
Write your answers in cm.



# Answers - Measuring with a ruler



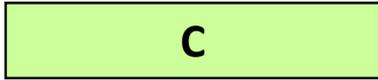
Use a ruler to measure the following lines then write your answers in cm.



14 cm



7 cm



5 cm



11 cm



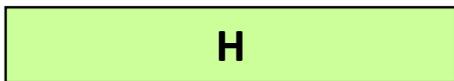
12 cm



3 cm



1 cm



6 cm



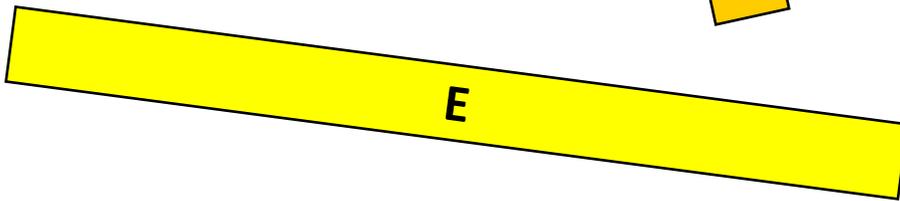
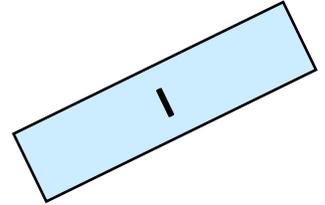
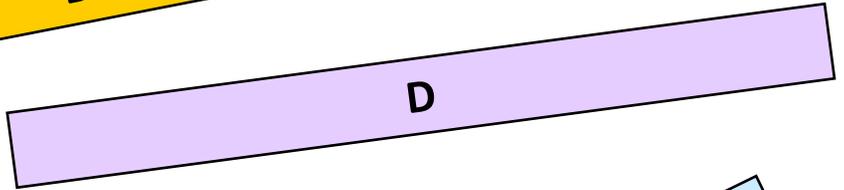
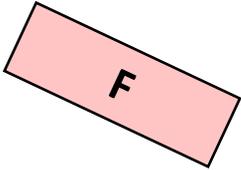
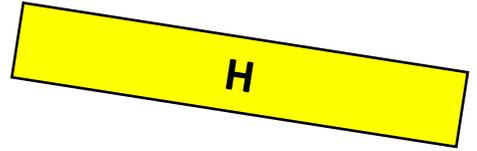
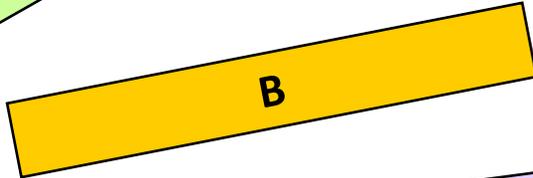
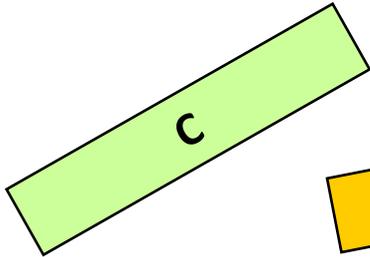
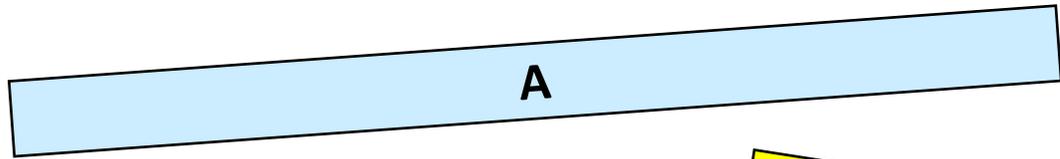
4 cm



2 cm

# Answers - Measuring with a ruler

Use a ruler to measure the following lines then complete the table below.  
Write your answers in cm.



Block	How many cm?
A	14 cm
B	7 cm
C	5 cm
D	11 cm
E	12 cm

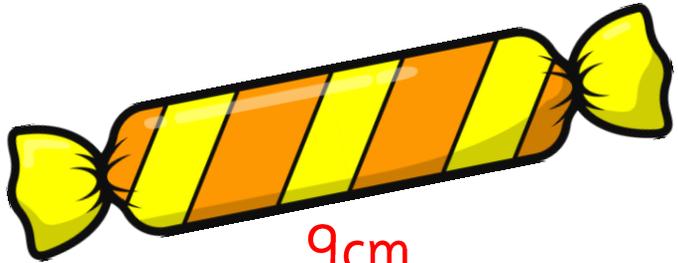
Block	How many cm?
F	3 cm
G	1 cm
H	6 cm
I	4 cm
J	2 cm

# Answers - Extension

Use a ruler to measure the how long each of the items are.  
Write your answers in cm.



5cm



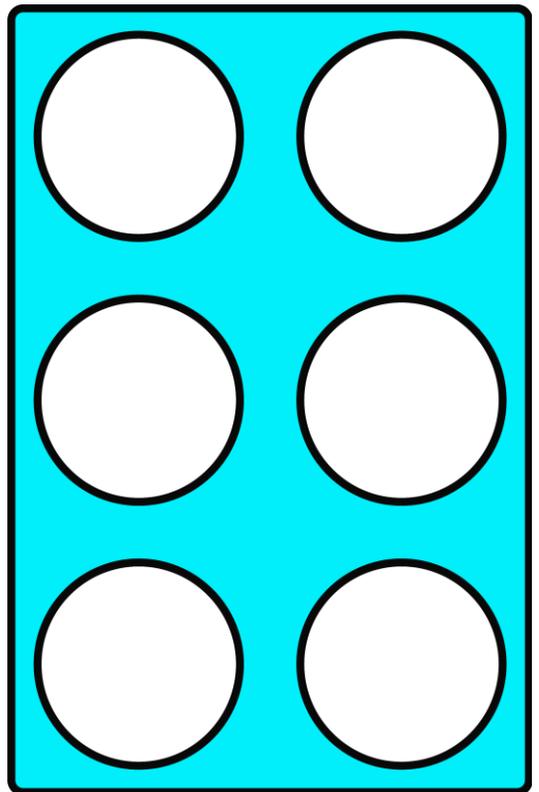
9cm



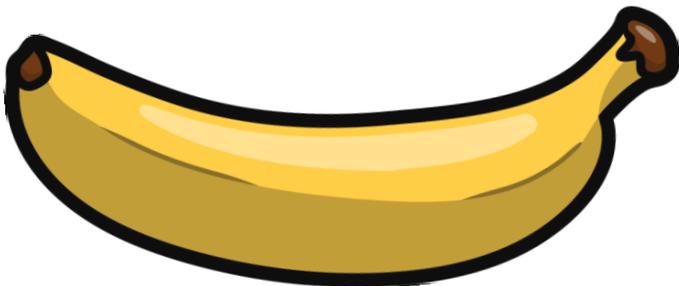
4cm



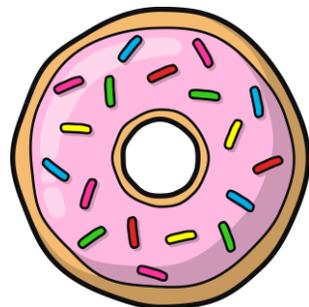
2cm



7cm



9cm



4cm