## More Measuring

To measure or estimate length or height using a partially numbered ruler.
000
These rulers are not to scale. Label these measurements on the ruler.


Measure these objects.


Measure these objects.



Estimate the measurements on the ruler.


Why did you choose those measurements?
$\qquad$
$\qquad$
$\qquad$

## More Measuring Answers

These rulers are not to scale. Label these measurements on the ruler.


Measure these objects.


Measure these objects.


Estimate the measurements on the ruler.


Why did you choose those measurements?
Answers will vary. They might explain that $2-3 \mathrm{~cm}$ is between 0 cm and 5 cm and that $7-8 \mathrm{~cm}$ is between 5 cm and 10 cm .

## More Measuring

To measure or estimate length or height using a partially numbered ruler
0
These rulers are not to scale. Label these measurements on the ruler.

| 5 cm | 11 cm | 18 cm |
| :---: | :---: | :---: |


| $\begin{array}{lcc}0 & 10 & 20 \\ \text { cm } & \text { cm } & \text { cm }\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Measure these objects.



Estimate the measurements on the ruler.


Why did you choose those measurements?
$\qquad$
$\qquad$
$\qquad$

Estimate the length of these objects.


## More Measuring Answers

To measure or estimate length or height using a partially numbered ruler.
000
These rulers are not to scale. Label these measurements on the ruler.


Measure these objects.


Estimate the measurements on the ruler.


Why did you choose those measurements?
Answers will refer to the fact that the first line is between 0 cm and 10 cm and so will be 5 cm and that the second line is between 10 cm and 20 cm and so will be 15 cm .

Estimate the length of these objects.


## 2 cm or 3 cm



$16 \mathrm{~cm}, 17 \mathrm{~cm}$ or 18 cm

## More Measuring

To measure or estimate length or height using a partially numbered ruler.


These rulers are not to scale. Label these measurements on the ruler.

| 2 cm | 13 cm | 6 cm | 16 cm |
| :--- | :--- | :--- | :--- |



Measure these objects.


$\square$


$\square$

Estimate the measurements on the ruler.


Why did you choose those measurements?
$\qquad$
$\qquad$
$\qquad$
Estimate the measurements on the ruler.


Why did you choose those measurements?
$\qquad$
$\qquad$
$\qquad$

Write on the ruler to show all the cm intervals between 0 and 10 cm . Hint: mark 5 cm first.
$\square$

## More Measuring Answers

To measure or estimate length or height using a partially numbered ruler.
O-O
These rulers are not to scale. Label these measurements on the ruler.

| 2 cm | 13 cm | 6 cm | 16 cm |
| :--- | :--- | :--- | :--- |



Measure these objects.



14 cm


| 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| cm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| cm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

18 cm

Estimate the measurements on the ruler.


Why did you choose those measurements?
Answers will refer to the position of the lines on the ruler and their proximity to the numbers they know. e.g. I chose 14 cm because it is just under halfway between $\mathbf{1 0} \mathrm{cm}$ and $\mathbf{2 0} \mathbf{c m}$.

Estimate the measurements on the ruler.


Why did you choose those measurements?
Answers will refer to the position of the lines on the ruler and their proximity to the numbers they know. e.g. I chose 17 cm because it is just about halfway between 15 cm and 20 cm .

Write on the ruler to show all the cm intervals between 0 and 10 cm . Hint: mark 5 cm first.


