MD2-3 Measuring in Centimeters

A 🐛 is 1 centimeter long.

☐ Write how many centimeters long.

1. ____ centimeters long

2. ____ centimeters long

3. ____ centimeters long

4. ____ centimeters long

5. ____ centimeters long

6. ____ centimeters long
We can write cm for centimeter.

Measure how many cm.

7. ______ cm wide

8. ______ cm wide

9. ______ cm tall

10. ______ cm tall

11. ______ cm long
Measure the object.

12. [Diagram of a screw]
   Start at zero.
   ______ cm

13. [Diagram of an eraser]
   ______ cm

14. [Diagram of a clothespin]
   ______ cm

15. [Diagram of an eraser]
   ______ cm

16. [Diagram of a pencil with a ruler]
   Sam says the pencil is 6 cm long. Explain his mistake.

   _________________________________________________________
MD2-4 Length and Subtraction

How far apart are the arrows?
☐ Count the jumps, starting at zero.

1. [Diagram]
   ____ cm apart
   4 cm apart

2. [Diagram]
   ____ cm apart

3. [Diagram]
   ____ cm apart

4. [Diagram]
   ____ cm apart

5. [Diagram]
   ____ cm apart

6. [Diagram]
   ____ cm apart

How far apart are the arrows?
☐ Count the jumps.

7. [Diagram]
   ____ cm apart
   3 cm apart

8. [Diagram]
   ____ cm apart

9. [Diagram]
   ____ cm apart

10. [Diagram]
    ____ cm apart
Measure the length of the line or object.

11. ______ cm
12. ______ cm
13. ______ cm
14. ______ cm
15. ______ cm
16. ______ cm
17. ______ cm
Bo counts jumps to find the length. Jen subtracts to find the length.

\[
\begin{align*}
\text{6} - \text{2} &= \text{4} \\
\text{The line is } &\underline{\text{4}} \text{ cm long.}
\end{align*}
\]

\begin{itemize}
\item \textbf{18.} \hfill \text{7} - \text{2} = \underline{\text{5}} \hfill \text{The line is } \underline{\text{5}} \text{ cm long.}
\item \textbf{19.} \hfill \underline{\quad} \hfill \text{The line is } \underline{\quad} \text{ cm long.}
\item \textbf{20.} \hfill \underline{\quad} \hfill \text{The line is } \underline{\quad} \text{ cm long.}
\item \textbf{21.} \hfill \underline{\quad} \hfill \text{The line is } \underline{\quad} \text{ cm long.}
\item \textbf{22.} \hfill \underline{\quad} \hfill \text{The line is } \underline{\quad} \text{ cm long.}
\item \textbf{23.} \hfill \underline{\quad} \hfill \text{The line is } \underline{\quad} \text{ cm long.}
\end{itemize}
Which measurement is the length closest to?

1. 4 long
   5 long

2. 3 long
   4 long

3. 6 long
   7 long
How long is the pencil?

4. The pencil is about ___ □ long.

5. The pencil is about ___ □ long.

6. The pencil is about ___ □ long.

7. The pencil is about ___ □ long.
8. How long is the pencil?

The pencil is about ___ cm long.

9. The pencil is about _____ cm long.

10. The pencil is about _____ cm long.

11. The pencil is about _____ cm long.
MD2-6 Estimating in Centimeters

Your finger is about 1 cm wide. The pencil is about 6 cm long.

Use your finger to estimate the length. Measure the length.

<table>
<thead>
<tr>
<th>Object</th>
<th>Estimate</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Pin" /></td>
<td>about _____ cm</td>
<td>_____ cm</td>
</tr>
<tr>
<td><img src="image" alt="Eraser" /></td>
<td>about _____ cm</td>
<td>_____ cm</td>
</tr>
<tr>
<td><img src="image" alt="Paperclip" /></td>
<td>about _____ cm</td>
<td>_____ cm</td>
</tr>
<tr>
<td><img src="image" alt="Pencil" /></td>
<td>about _____ cm</td>
<td>_____ cm</td>
</tr>
<tr>
<td><img src="image" alt="Crayon" /></td>
<td>about _____ cm</td>
<td>_____ cm</td>
</tr>
</tbody>
</table>
MD2-7 Estimating in Meters

A baseball bat is about 1 meter long.

We write m for meter.

The blackboard is about 3 m long.

Estimate the width to the nearest meter.
Measure the width.

<table>
<thead>
<tr>
<th>Object</th>
<th>Estimate</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A door</td>
<td>about ___ m</td>
<td>____ m</td>
</tr>
<tr>
<td>Your classroom</td>
<td>about ___ m</td>
<td>____ m</td>
</tr>
<tr>
<td>A window</td>
<td>about ___ m</td>
<td>____ m</td>
</tr>
<tr>
<td>The hallway</td>
<td>about ___ m</td>
<td>____ m</td>
</tr>
<tr>
<td>The gym</td>
<td>about ___ m</td>
<td>____ m</td>
</tr>
</tbody>
</table>