1. Match the word with the symbol. Then match the object with the appropriate unit of measurement.

a) \[\begin{array}{|c|c|c|}
\hline
\text{mm} & \text{kilometre} & \text{length of a bee's antenna} \\
\text{cm} & \text{centimetre} & \text{width of a swimming pool} \\
\text{m} & \text{millimetre} & \text{distance of a marathon} \\
\text{km} & \text{metre} & \text{diameter of a drum} \\
\hline
\end{array}\]

b) \[\begin{array}{|c|c|c|}
\hline
\text{km} & \text{millimetre} & \text{length of a ruler} \\
\text{cm} & \text{metre} & \text{thickness of a nail} \\
\text{m} & \text{kilometre} & \text{diameter of the moon} \\
\text{mm} & \text{centimetre} & \text{length of a soccer field} \\
\hline
\end{array}\]

2. Circle the unit of measurement that makes the statement correct.
   a) A very tall adult is about 2 \text{dm} / \text{m} high.
   b) The width of your hand is close to 1 \text{dm} / \text{cm}
   c) The Calgary Tower is 191 \text{cm} / \text{m} high.

3. Nicholas measured some objects, but forgot to include the units. Add the appropriate unit.
   a) bed: 180 _____
   b) car: 2 _____
   c) hat: 25 _____
   d) toothbrush: 16 _____
   e) driveway: 11 _____

4. Choose which unit (\text{km}, \text{m}, or \text{cm}) belongs to complete each sentence.
   a) Canada's entire coastline is 202 080 _____ long.
   b) Mount Logan, in the Yukon Territory, is 5 959 _____ high.
   c) Water going over the Della Falls in British Columbia drops 440 _____.
   d) A teacher's desk is about 200 _____ long.
   e) A fast walker can walk 1 _____ in 10 minutes.
   f) A great white shark can grow up to 4 _____.
   g) A postcard is about 15 _____ long.

5. Most provinces in Canada have an official tree and an official bird. Change each measurement below to the smallest unit used. Then order the trees from tallest to shortest.

<table>
<thead>
<tr>
<th>Tree</th>
<th>Height</th>
<th>In the Smallest Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Birch (Saskatchewan)</td>
<td>2 m</td>
<td></td>
</tr>
<tr>
<td>Lodgepole Pine (Alberta)</td>
<td>3 050 cm</td>
<td></td>
</tr>
<tr>
<td>Western Red Cedar (British Columbia)</td>
<td>59 m</td>
<td></td>
</tr>
<tr>
<td>Red Oak (Prince Edward Island)</td>
<td>24 m</td>
<td></td>
</tr>
</tbody>
</table>

\[\begin{array}{|c|}
\hline
1. __________________
2. __________________
3. __________________
4. __________________
\hline
\end{array}\]
6. Order the official birds from longest to shortest.

<table>
<thead>
<tr>
<th>Bird</th>
<th>Length</th>
<th>In the Smallest Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic Puffin (Newfoundland &amp; Labrador)</td>
<td>34.5 cm</td>
<td></td>
</tr>
<tr>
<td>Great Horned Owl (Alberta)</td>
<td>63.5 cm</td>
<td></td>
</tr>
<tr>
<td>Snowy Owl (Quebec)</td>
<td>66 cm</td>
<td></td>
</tr>
<tr>
<td>Great Gray Owl (Manitoba)</td>
<td>0.55 m</td>
<td></td>
</tr>
</tbody>
</table>

1. ________________________
2. ________________________
3. ________________________
4. ________________________

7. Mark each measurement on the number line with an “X.” The first one is done for you.

A 12 mm   B 35 mm   C 2.0 cm   D 49 mm   E 9.9 cm   F 5.7 cm

G 3 cm   H 5 cm   I 25 mm   J 9 cm   K 4.5 cm   L 8.2 cm

M 200 m   N 500 m   O 700 m   P 350 m   Q 850 m   R 630 m   S 90 m

8. Fill in the numbers in the correct places below (select from the box).

a) The 1988 Winter Olympics skiing competitions took place at Nakiska, which is _______ km from Calgary.
   The highest point at Nakiska is _______ m above sea level.
   The longest run down the mountain is _______ km.

b) The Red River is _______ km long.
   In 1997 it flooded and rose _______ m.
   Winnipeg was protected by a _______ km floodway that was built around the city.

9. Name an object in your classroom that has ...
   a) a thickness of about 20 mm: _______
   b) a height of about 2 m: _______

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