1. Complete the conversion table.

<table>
<thead>
<tr>
<th>Distance</th>
<th>71 km</th>
<th>30 km</th>
<th>81 m</th>
<th>4 m</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>71,000 m</td>
<td>30,000 m</td>
<td>8100 cm</td>
<td>400 cm</td>
</tr>
</tbody>
</table>

2. \(13 \text{ km } 20 \text{ m} = 13,020 \text{ m}\)

3. \(401 \text{ km } 101 \text{ m} - 34 \text{ km } 153 \text{ m} = \frac{366,948}{366,948} \quad \frac{401,101\text{ m}}{34,153 \text{ m}} - \frac{366,948}{366,948} \)

4. Gabe built a toy tower that measured 1 m 78 cm. After building some more, he measured it, and it was 82 cm taller. How tall is his tower now? Draw a tape diagram to model this problem. Use a simplifying strategy or an algorithm to solve, and write your answer as a statement.

\[\text{The tower is } 260 \text{ cm now.}\]

\[178 \text{ cm} + 82 \text{ cm} = 260 \text{ cm}\]
1. Convert the measurements.
   a. $21 \text{ g} \ 415 \text{ g} = 21,415 \text{ g}
   b. $2 \text{ kg} \ 91 \text{ g} = 2,091 \text{ g}
   c. $87 \text{ kg} \ 17 \text{ g} = 87,017 \text{ g}
   d. $96 \text{ kg} \ 20 \text{ g} = 96,020 \text{ g}$

2. Use a tape diagram to model the following problem. Solve using a simplifying strategy or an algorithm, and write your answer as a statement.

   The table to the right shows the weight of three dogs. How much more does the Great Dane weigh than the Chihuahua?

<table>
<thead>
<tr>
<th>Dog</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Great Dane</td>
<td>59 kg</td>
</tr>
<tr>
<td>Golden Retriever</td>
<td>32 kg 48 g</td>
</tr>
<tr>
<td>Chihuahua</td>
<td>1,329 g</td>
</tr>
</tbody>
</table>

   The Great Dane weighs 57,671 g more than the Chihuahua.
1. Convert the measurements.
   a. \(6 \text{ L } 127 \text{ mL} = \underline{6,127}\text{ mL}\)
   b. \(706 \text{ L } 220 \text{ mL} = \underline{706,220}\text{ mL}\)
   c. \(12 \text{ L } 9 \text{ mL} = \underline{12,009}\text{ mL}\)
   d. \(906 \text{ L } 10 \text{ mL} = 906,010\text{ mL}\)

2. \(81 \text{ L } 603 \text{ mL} - 22 \text{ L } 489 \text{ mL}\)
   \[
   \begin{array}{r}
   81,603\text{ mL} \\
   - 22,489\text{ mL} \\
   \hline
   59,114\text{ mL}
   \end{array}
   \]

Use a tape diagram to model the following problem. Solve using a simplifying strategy or an algorithm, and write your answer as a statement.

3. The Smith's hot tub has a capacity of 1,458 liters. Mrs. Smith put 487 liters 750 milliliters of water in the tub. How much water needs to be added to fill the hot tub completely?

\[
\begin{array}{c}
1,458\text{ L} \\
- 487,750\text{ mL} \\
\hline
970,250\text{ mL}
\end{array}
\]

970,250 mL more water needs to be added to fill the hot tub completely.