1. Here are 8 counters.

   a) Share the counters equally into 4 groups.

   b) Complete the sentences.

   counters are shared equally

   between groups.

   There are counters in each group.

   c) What is \( \frac{1}{4} \) of 8?

   How did you work this out?

2. There are 12 pencils.

   a) Share them equally between 4 pencil pots.

   b) What is \( \frac{1}{4} \) of 12?

3. Tom and Dora are walking along a path. By midday Dora has walked halfway. Tom has walked a quarter of the way.

   a) Draw an arrow to show where Dora is.

   b) Draw an arrow to show where Tom is.
4 Use the bar models to help you work out a quarter.

a) Work out \(\frac{1}{4}\) of 20

\[
\begin{array}{c}
20 \\
\hline
10 \\
\hline
5 \\
\hline
\end{array}
\]

\(\frac{1}{4}\) of 20 =

b) Work out \(\frac{1}{4}\) of 16

\[
\begin{array}{c}
16 \\
\hline
8 \\
\hline
4 \\
\hline
\end{array}
\]

\(\frac{1}{4}\) of 16 =

5 Show that \(\frac{1}{4}\) of 24 is 6

6 I can find a quarter by halving a number and halving again.

Use this method to find \(\frac{1}{4}\) of 12

\[
\begin{array}{c}
12 \\
\hline
6 \\
\hline
3 \\
\hline
1 \\
\hline
\end{array}
\]

\(\frac{1}{4}\) of 12 =

7 Complete the table.

<table>
<thead>
<tr>
<th>Number</th>
<th>(\frac{1}{2}) of Number</th>
<th>(\frac{1}{4}) of Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8 \(\frac{1}{4}\) of a number is 7

What is the number?

\[
\begin{array}{c}
7 \\
\hline
3.5 \\
\hline
1.75 \\
\hline
0.875 \\
\hline
\end{array}
\]

The number is