1. Add lengths

Scott builds a bridge using planks.

\[ 120 \text{ cm} \quad 75 \text{ cm} \]

\[ 10 \text{ cm} \quad 25 \text{ cm} \]

1. What is the total length of his bridge? \[ \boxed{ \text{cm} } \]

2. What is the height of his bridge? \[ \boxed{ \text{cm} } \]

2. Complete the additions.

a) \[ 25 \text{ cm} + 75 \text{ cm} = \boxed{ \text{m} } \]

b) \[ 10 \text{ cm} + 50 \text{ mm} = \boxed{ \text{cm} } \]

c) \[ 1 \text{ m} 20 \text{ cm} + \boxed{ \text{cm} } = 2 \text{ m} \]

d) \[ 52 \text{ mm} + \boxed{ \text{ mm} } = 6 \text{ cm} \]

3. Brett is 115 cm tall.

His brother is 20 cm taller.

How tall is Brett’s brother? Write your answer in metres and centimetres.

4. Dora builds a tower that measures 1 m and 5 cm.

Annie builds a tower that measures 80 cm.

Dexter builds a tower that measures 95 cm.

They put their towers together to make one high tower. How tall is their new tower?

The new tower is \[ \boxed{ \text{cm} } \] tall.

This is the same as \[ \boxed{ \text{m} } \text{ and } \boxed{ \text{cm} } \].
5 Red bricks are 50 mm long.
Blue bricks are 80 mm long.

<table>
<thead>
<tr>
<th></th>
<th>50 mm</th>
<th>80 mm</th>
</tr>
</thead>
</table>

a) Whitney and Eva make patterns using the bricks.

How long is each pattern?
Give your answers in centimetres.

Whitney
Eva

Whitney’s pattern is ___ cm long.
Eva’s pattern is ___ cm long.

b) Draw some red and blue bricks to make a pattern that would be exactly 36 cm long.

6 Jack, Tommy and Alex took part in a hop, skip and jump competition.

Their distances are shown in the table below.
Complete the table to show the total distance each child travelled.

<table>
<thead>
<tr>
<th>Name</th>
<th>Hop</th>
<th>Skip</th>
<th>Jump</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack</td>
<td>80 cm</td>
<td>60 cm</td>
<td>1 m 20 cm</td>
<td></td>
</tr>
<tr>
<td>Tommy</td>
<td>70 cm</td>
<td>1 m</td>
<td>1 m 10 cm</td>
<td></td>
</tr>
<tr>
<td>Alex</td>
<td>75 cm</td>
<td>75 cm</td>
<td>1 m</td>
<td></td>
</tr>
</tbody>
</table>

7 Esther builds a tower using some bricks.

Her tower is 24 cm tall.
Which bricks could she have used?

<p>| | | |</p>
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120 mm
8 cm

40 mm
6 cm

How many different answers can you find?