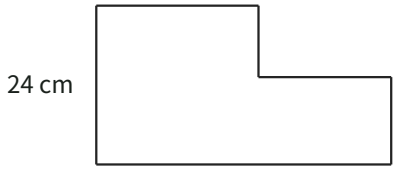
L-shaped figures

Name: _____ Date: _____

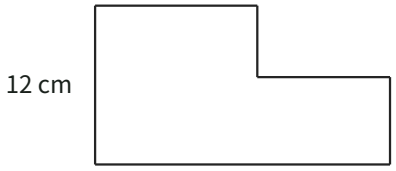
Use the labelled lengths, not a ruler. Show how you find missing lengths.

1. An L-shape is made from a 26 cm by 24 cm rectangle with a 13 cm by 11 cm rectangle removed from the top right. Find its area.



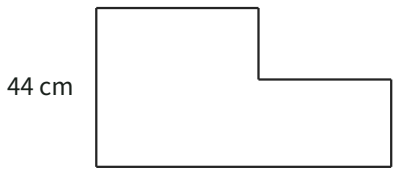
Cut out: 13 × 11 cm

2. An L-shape is made from a 11 cm by 12 cm rectangle with a 6 cm by 4 cm rectangle removed from the top right. Find its area.



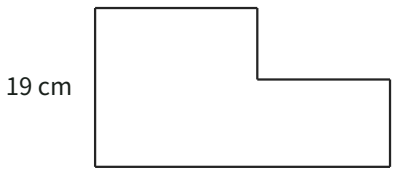
Cut out: 6 × 4 cm

3. An L-shape is made from a 27 cm by 44 cm rectangle with a 11 cm by 5 cm rectangle removed from the top right. Find its perimeter.



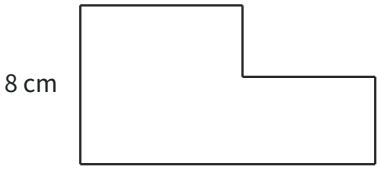
Cut out: 11 × 5 cm

4. An L-shape is made from a 41 cm by 19 cm rectangle with a 27 cm by 10 cm rectangle removed from the top right. Find its perimeter.



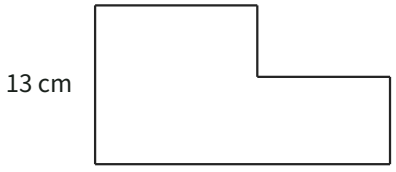
Cut out: 27 × 10 cm

5. An L-shape is made from a 27 cm by 8 cm rectangle with a 24 cm by 5 cm rectangle removed from the top right. Find its perimeter.



Cut out: 24 × 5 cm

6. An L-shape is made from a 18 cm by 13 cm rectangle with a 9 cm by 5 cm rectangle removed from the top right. Find its perimeter.



Cut out: 9 × 5 cm

L-shaped figures

Answer key

1. An L-shape is made from a 26 cm by 24 cm rectangle with a 13 cm by 11 cm rectangle removed from the top right. Find its area.

   $26 \times 24 - 13 \times 11 = 481\ \text{cm}^2$

   481 cm^2

2. An L-shape is made from a 11 cm by 12 cm rectangle with a 6 cm by 4 cm rectangle removed from the top right. Find its area.

   $11 \times 12 - 6 \times 4 = 108\ \text{cm}^2$

   108 cm^2

3. An L-shape is made from a 27 cm by 44 cm rectangle with a 11 cm by 5 cm rectangle removed from the top right. Find its perimeter.

   $27 + 39 + 11 + 5 + 16 + 44 = 142$ cm

   142 cm

4. An L-shape is made from a 41 cm by 19 cm rectangle with a 27 cm by 10 cm rectangle removed from the top right. Find its perimeter.

   $41 + 9 + 27 + 10 + 14 + 19 = 120$ cm

   120 cm

5. An L-shape is made from a 27 cm by 8 cm rectangle with a 24 cm by 5 cm rectangle removed from the top right. Find its perimeter.

   $27 + 3 + 24 + 5 + 3 + 8 = 70$ cm

   70 cm

6. An L-shape is made from a 18 cm by 13 cm rectangle with a 9 cm by 5 cm rectangle removed from the top right. Find its perimeter.

   $18 + 8 + 9 + 5 + 9 + 13 = 62$ cm

   62 cm