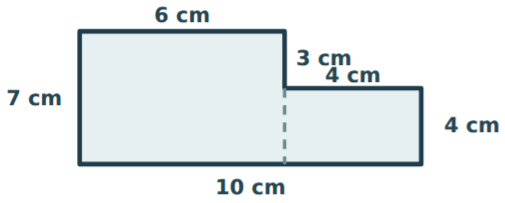
Area and Perimeter of Compound Shapes

Name _____ **Date** _____

YOUR TASK Use the dashed line as a possible split into simpler shapes. Show your working, then find the area and perimeter of each whole shape. Count only the outside edges for perimeter.

1 L-shape LABELLED SIDE LENGTHS



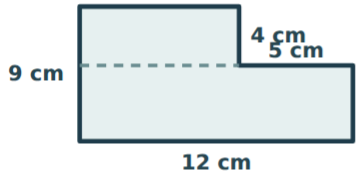
FIND BOTH MEASUREMENTS

Every labelled length is in centimetres. Split this L-shape into two rectangles.

Area _____ cm² **Perimeter** _____ cm

Working

2 L-shape RECTANGULAR CUT-OUT



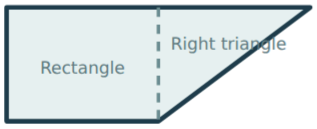
FIND BOTH MEASUREMENTS

The overall width is 12 cm and the height is 9 cm. A 5 cm by 4 cm rectangle has been cut from one corner.

Area _____ cm² **Perimeter** _____ cm

Working

3 Rectangle and right triangle TWO SHAPES JOINED



FIND BOTH MEASUREMENTS

Rectangle: 8 cm by 6 cm. The triangle’s perpendicular sides are 6 cm and 8 cm; its hypotenuse is 10 cm. The 6 cm side is shared.

Area _____ cm² **Perimeter** _____ cm

Working

4 Rectangle and triangle CHALLENGE



FIND BOTH MEASUREMENTS

Rectangle: 10 cm by 6 cm. Roof triangle: base 10 cm, perpendicular height 12 cm and two sloping sides of 13 cm each.

Area _____ cm² **Perimeter** _____ cm

Working