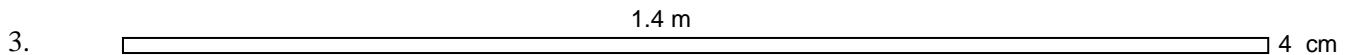
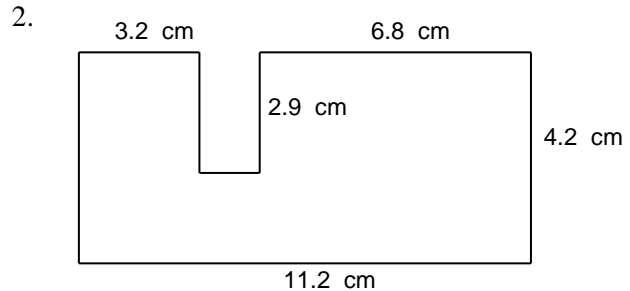
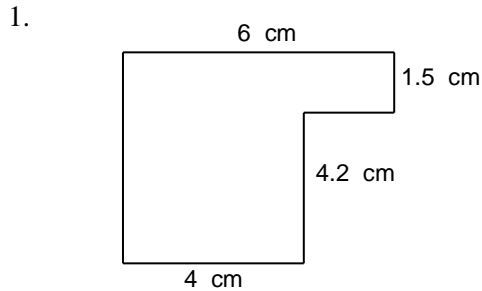


Perimeter Problems

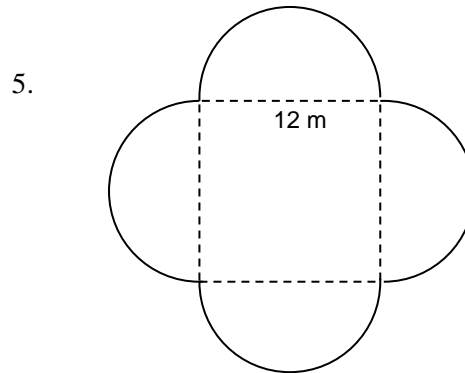
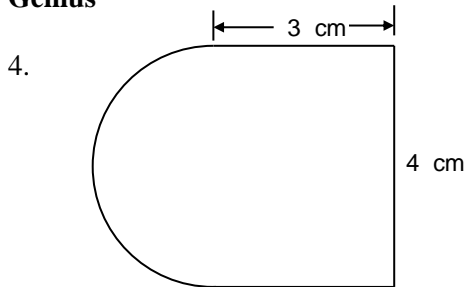
File RM3-9 For further resources click M1Maths.com

Find the perimeter of each shape. Set out your work out in your exercise book.
Start each answer with: Perimeter = Sum of All Sides

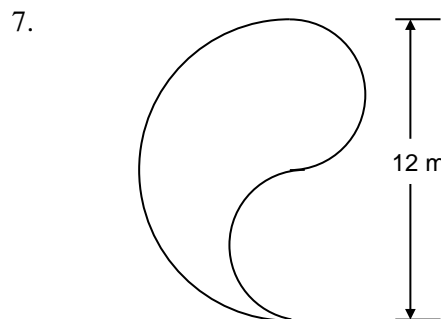
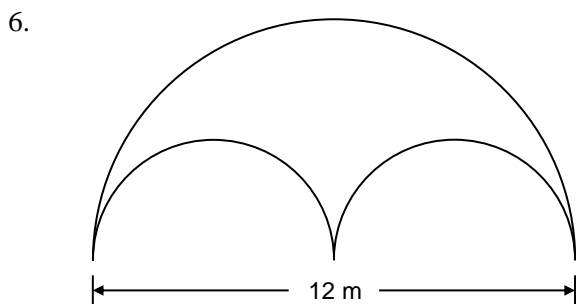
Near Genius



Genius



Super-Genius

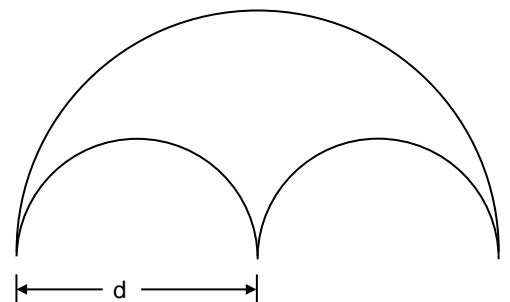


Mega-Genius

8. What a coincidence – the answers to (6) and (7) above are the same! Or is it a coincidence? Explain.

9. The shape alongside consists of one large semi-circle and two small semi-circles. Each small semi-circle is half the diameter of the large semi-circle. The diameter of the small semi-circle is d units.

Show that the total perimeter of the two small semi-circles is exactly equal to the perimeter of the large semi-circle.



Answers: 1. 23.4 cm 2. 36.6 cm 3. 2.88 m 4. 16.3 cm 5. 75.4 m 6. 37.7 m 7. 37.7 m