**End of Unit Test** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Area and Perimeter - FOUNDATION**

1. The shape below is drawn on a centimetre grid. Estimate the area of the

shape.



Answer ............................................................... cm²

**(Total 1 mark)**

2. Field A is a rectangle with sides of 30 m and 70 m.

Field B is a square with the same **perimeter** as Field A.

Not drawn accurately



How much bigger in area is Field B than Field A? You **must** show your working.

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Answer ............................................................................. m2

**(Total 4 marks)**

3. This diagram shows Adam’s garden. It is in the shape of two rectangles joined together. Not drawn accurately.



Work out the area of the garden.

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Answer ................................................................. m²

 **(Total 4 marks)**

4. Calculate the area of the triangle. Not drawn accurately.



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Answer ............................................................... cm2

**(Total 2 marks)**

5. *ABCD* is a trapezium. Not drawn accurately.

 

Calculate the area of *ABCD.* State the units of your answer.

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Answer ......................................................................

**(Total 3 marks)**

6. (a) The radius of this circle is 4 cm. Not drawn accurately



Work out the area. Use $π$ = 3.1.

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Answer ............................................................................ cm²

**(3)**

(b) The diameter of this semicircle is 16 cm. Not drawn accurately



Work out the perimeter of the semicircle. Use $π$ = 3.1.

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Answer .................................................................................... cm

**(3)**

**(Total 6 marks)**

**(Total for test = 20 marks)**