**Area and Perimeter (F)**

Pre-Intervention Assessment

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Question** | **Objective** | **RAG** |
|  1 | Calculate the area and perimeter of rectangles and triangles |  |
|  2 | Calculate the area and perimeter of compound shapes |  |
|  3 | Calculate the area and perimeter of circles |   |

**1.** Diagram NOT drawn accurately  *ABDE* is a rectangle.

*ED* is 8cm.

*BDC* is a right-angled triangle.
*BC* is 4.5cm.

*ABC* is a straight line.

The area of the rectangle *ABDE* is 40cm2.
Work out the area of the triangle *BDC*.

...........................................................cm2

**2**. Work out the area of the shape.

…………………………………………………cm2

**3**. Diagram NOT accurately drawn ****

A circle has a radius of 6.1 cm.
Work out the area of the circle.

.......................................... cm²

[Glue here]