Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_

**8.0A NOTES – Area of Shapes**

*Objective: find the area of composite figures by applying the area of basic shapes.*

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| ***AREA FORMULAS***  *Area (rectangle) = length width (A = L W) Area (triangle) =*  *Area (circle) = pi radius2* |

Find the area of the circles. Use 3.14 for

|  |  |
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| **EXAMPLE 2 (p. 333)** | **EXAMPLE 3 (p. 333)** |

ON YOUR OWN (p. 333)

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | 2. | 3. | 4. |

**BACK 🡪**

COMPOSITE SHAPES: A **figure** (or **shape**) that can be divided into more than one of the basic figures is said to be a **composite figure** (or **shape**).

Find the area of each composite shape.

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| --- | --- | --- |
| **EXAMPLE 1**    Area of Rectangle:  Area of Rectangle:  Total: | **EXAMPLE 2**    Area of Rectangle:  Semi-circle:  Total: | **EXAMPLE 3**    Area of Triangle:  Area of Square:  Total: |

Find the area of each figure.

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|  |
|  |
| **3.** |