**Secondary Math 2 12.1 In Class Assignment Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_**

**Area and Coordinate Geometry**

**Find the area of the shaded region.**

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|  | Note that the radius is 1 ft. |  |  |
|  | Find the area of the outer disk. The diameter of the inner disk is 50mm. |  | Find area of the whole figure. |

**Find the area of the following shapes.**

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|  |  |  | *sssHint: You first must use the Pythagorean Theorem to find the base of the triangle.* |

**9-11) Find the area of each shape. If you use a rectangular box to help you find an area, draw the box in the diagram and label the segments you use to make your calculations.**

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|  | areahw1.PNG |
|  | areahw2.PNG |
|  | areahw1.PNG |