**Area of Irregular Figure Notes**

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| What is area? | The number of square units needed to cover a given surface. |
| How do you find the area of an IRREGULAR figure? | 1. Find the lengths of any missing sides.   **12 ft**  **1 ft**  **3 ft**  **4 ft**   1. Separate the figure into two or more rectangles.   **12 ft**  **1 ft**  **3 ft**  **4 ft**  **2 ft**  **8 ft**   1. Color each rectangle a different color.   **12 ft**  **1 ft**  **3 ft**  **4 ft**  **2 ft**  **8 ft**   1. Identify the length and width of each new rectangle.   **12 ft**  **1 ft**  **3 ft**  **4 ft**  **2 ft**  **8 ft**  **Red** Rectangle: Length = 3 ft Width = 8 ft    **Yellow** Rectangle: Length= 1 ft Width= 4 ft     1. Multiply the Length and Width of each rectangle to find the area of the RED and then find the area of the YELLOW.   **12 ft**  **A = 4 ft2**  **A = 24 ft2**  **1 ft**  **3 ft**  **4 ft**  **2 ft**  **8 ft**  **Red** Rectangle: Length = 3 ft Width = 8 ft  3 x 8 = 24 square feet  **Yellow** Rectangle: Length= 1 ft Width= 4 ft  1 x 4 = 4 square feet  6.) Add the Area of the RED rectangle with the Area of the YELLOW rectangle.  **24 square feet + 4 square feet = 28 square feet** |
| Practice Problems | 1.)  8 in  16 in  24 in  12 in  Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_  Perimeter = \_\_\_\_\_\_\_\_\_\_  6 yd  2.)  4 yd  2 yd  6 yd  Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_  Perimeter = \_\_\_\_\_\_\_\_\_\_ |