**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 feet6.) 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 in16 in24 in12 inArea = \_\_\_\_\_\_\_\_\_\_\_\_\_\_Perimeter = \_\_\_\_\_\_\_\_\_\_6 yd2.) 4 yd 2 yd6 ydArea = \_\_\_\_\_\_\_\_\_\_\_\_\_\_Perimeter = \_\_\_\_\_\_\_\_\_\_ |