**Area of Parallelograms Notes**  Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Formula for area of a parallelogram: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Formula for area of a rectangle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

On all geometry problems, you should slow down and follow these steps:

1) Name the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Write the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the values

4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) Make sure to include the \_\_\_\_\_\_\_\_\_\_\_\_\_ (examples: \_\_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_\_, etc.)

**Example**: Find the area of each figure.

|  |  |  |
| --- | --- | --- |
| 1.  Shape:  Formula:  Substitute:  Solve: Add Units | 2. | 3. |

**Area of Triangles**

Formula for area of a triangle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Remember: the base(s) and the height ALWAYS make a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ angle

**Example**: Find the area of each figure.

|  |  |  |
| --- | --- | --- |
| 1.  Shape:  Formula:  Substitute:  Solve: Add Units | 2. | 3. |

**Pause the video and try the problems on the back on your own!**

**Then press play and check your answers with a color pen.**

|  |  |
| --- | --- |
| 1.    Shape:  Formula:  Substitute:  Solve: Add Units | 2.    Shape:  Formula:  Substitute:  Solve: Add Units |
| 3.    Shape:  Formula:  Substitute:  Solve: Add Units | 4.    Shape:  Formula:  Substitute:  Solve: Add Units |
| 5.    Shape:  Formula:  Substitute:  Solve: Add Units | 6.    Shape:  Formula:  Substitute:  Solve: Add Units |