Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Weekly Spiral Questions - Quarter 4 Week 1**

Show all work on a separate paper and attach it to the back. Be sure to label your answers appropriately! **(Calculator Inactive)**

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| --- | --- |
| 1. If the dimensions of the triangle in the diagram are quadrupled, what would be the new perimeter?  | **Answer:** |
| 2. The endpoints of the double arrow are congruent triangles. What is the area of the figure? | **Answer:** |

|  |  |
| --- | --- |
| 3. The width of a rectangle is 23 meters long. What is the length of the rectangle if the area is 456.8 meters squared? (Round to the nearest hundredths)  | **Answer:** |
| 4. Find the Area of the shaded region below. | **Answer:** |

|  |  |
| --- | --- |
| 5. What is the area of a trapezoid with base lengths 8 in and 10 in and a height of 9 in?  | **Answer:**  |
| 6. If $9+6x-3^{2}+x=14(2)$ what is the quotient of x and 2?  | **Answer:** |

|  |  |
| --- | --- |
| 7. The temperature in New York City one morning was 22˚F. The wind chill temperature that same morning was -3˚F. What is the difference in actual temperature and wind chill temperature? | **Answer:** |
| 8. If 18 oz of laundry detergent costs $14.94. What is the unit rate? | **Answer:** |