Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_

**6.g.3 Summative REVIEW**

1. Plot and connect the points A(-3,3), B(-3,-3), and C(2,-3). Name the shape, and determine the area of the polygon.



Name of polygon: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Area of polygon: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Plot and connect the points S(-4,3), T(-4,-2), U(2,-2), and V(2,3).



The distance between points S and T is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The distance between points S and V is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Complete the table using the diagram and absolute value to determine the lengths of the line segments.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Line Segment** | **Point** | **Point** | **Distance** | **Proof** |
| AB |  |  |  |  |
| CG |  |  |  |  |
| CF |  |  |  |  |
| GF |  |  |  |  |
| DH |  |  |  |  |
| KL |  |  |  |  |

