**MUG WUMPS: Exploring Similarity**

**.**

**Directions: Using the picture above, complete the (2x, 2y) column to determine the ordered pairs to create a dilated Mug Wump. Plot the points. Personalize your wump.**

|  |  |  |
| --- | --- | --- |
| **Rule** | **(x,y)** | **(2x, 2y)** |
| **Body****Outline** | **(-4, -2)** |  |
| **(-2, -2)** |  |
| **(-2, -3)** |  |
| **(-1, -3)** |  |
| **(-1, -2)** |  |
| **(1, -2)** |  |
| **(1, -3)** |  |
| **(2, -3)** |  |
| **(2, -2)** |  |
| **(4, -2)** |  |
| **(2, 4)** |  |
| **(-2,4)** |  |
| **Nose** | **(-1,1)** |  |
| **(0,2)** |  |
| **(1,1)** |  |
| **Mouth** | **(-2, -1)** |  |
| **(-2,0)** |  |
| **(2,0)** |  |
| **(2, -1)** |  |
| **Eyes** | **(-2, 2)** |  |
|  | **(2, 2)** |  |