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

|  |  |  |  |
| --- | --- | --- | --- |
| **Polygon** | **Number of sides** | **Measure of hinge angle** | **# of sides x**  **hinge angle** |
| Triangle |  |  |  |
| Pentagon |  |  |  |
| Hexagon |  |  |  |
| Heptagon |  |  |  |
| Octagon |  |  |  |
| Nonagon |  |  |  |
| Decagon |  |  |  |
| N-gon |  |  |  |

Create a graph for the number of sides and the measure of the hinge angle.

Answer Warm-Up Questions on Page 6:

1.

2.