NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- |
| **Key Concept** | **Notes** |
| **Polygon** |  |
| **Naming** |  |
| **Classifying** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Sides** | **Name** | **Sides** | **Name** |
| **3** |  | **9** |  |
| **4** |  | **10** |  |
| **5** |  | **11** |  |
| **6** |  | **12** |  |
| **7** |  |  |  |
| **8** |  | ***n*** |  |

 |
| **Congruent Polygons** |  |
| **Problem 1** | IF *HIJK* ≅ *LMNO*, what are the congruent corresponding parts? |
| **Problem 2** | Suppose that Δ*WYS* ≅ Δ*MKV*. If *m*∠*W* = 62° and *m*∠*Y* = 35°, what is *m*∠*V*? Explain. |
| **Third Angles Theorem** | If \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ of one triangle are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of another triangle, then the \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **Proving Polygons Congruent** |  |

APPLICATION

 **5.**

 Statements Reasons

COMPREHENSION

6.