***Guided Notes***

**Parallelograms** – Fill in the blanks with the appropriate measures for the parallelogram. Label all segments and angles in your picture to help you.

**Properties of Parallelograms and Misc.**:

|  |  |  |
| --- | --- | --- |
| Opposite **SIDES** are **congruent** | Opposite **ANGLES** are **congruent** | Consecutive **ANGLES** are **supplementary** |
| Diagonals **BISECT** each other | **REMEMBER**:* Alternate Interior **ANGLES** are **congruent**
* **TRIANGLES** add up to 180o
* **QUADRILATERALS** add up to 360o
 |



**Rectangles** – Fill in the blanks with the appropriate measures for the rectangle. Label all segments and angles in your picture to help you.

**Properties of Rectangles and Misc.**:

|  |  |  |
| --- | --- | --- |
| Opposite **SIDES** are **congruent** | ALL **ANGLES** are **congruent (90o)** | Consecutive **ANGLES** are **supplementary** |
| Diagonals **BISECT** each otherDiagonals are **congruent** | **REMEMBER**:* Alternate Interior **ANGLES** are **congruent**
* **TRIANGLES** add up to 180o
* **QUADRILATERALS** add up to 360o
 |



**Rhombus** – Fill in the blanks with the appropriate measures for the rhombus. Label all segments and angles in your picture to help you.

**Properties of Rhombi and Misc.**:

|  |  |  |
| --- | --- | --- |
| ALL **SIDES** are **congruent** | Opposite **ANGLES** are **congruent** | Consecutive **ANGLES** are **supplementary** |
| Diagonals **BISECT** each other and opposite anglesDiagonals are **perpendicular** | **REMEMBER**:* Alternate Interior **ANGLES** are **congruent**
* **TRIANGLES** add up to 180o
* **QUADRILATERALS** add up to 360o
 |



**Square** – Fill in the blanks with the appropriate measures for the square. Label all segments and angles in your picture to help you.

**Properties of Squares and Misc.**:

|  |  |  |
| --- | --- | --- |
| ALL **SIDES** are **congruent** | ALL **ANGLES** are **congruent (90o)** | Consecutive **ANGLES** are **supplementary** |
| Diagonals **BISECT** each other and opposite anglesDiagonals are **perpendicular**Diagonals are **congruent** | **REMEMBER**:* Alternate Interior **ANGLES** are **congruent**
* **TRIANGLES** add up to 180o
* **QUADRILATERALS** add up to 360o
 |

