**Geometry 6-2 VIDEO NOTES Name**

*6.2 Properties of Parallelograms*

**Objectives:** To use some properties of parallelograms

 Use properties of parallelograms in real life situations

**VOCABULARY:**

**Parallelogram**

**Opposite sides of a parallelogram**

**Opposite angles of a parallelogram**

**Consecutive angles of a parallelogram**

**PLEASE FOLLOW ALONG IN YOUR BOOK (pgs 330 – 333)**

**6-2 Properties of Parallelograms:**

**Parallelogram -**

**Theorems about Parallelograms:**

 **THEOREM 6.2 THEOREM 6.3**

 **THEOREM 6.4 THEOREM 6.5**

**Example 1:**



**Example 2:**



**Example 3:** **Given**: WXYZ is a

 **Prove:** $ ΔWMZ≅∆YMK$

 Statements Reasons