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

Parallelogram Properties PRACTICE QUIZ

Name the complete each statement about parallelogram JKLM. Show your justification for each.

1. <WVZ ≅ \_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. <WXZ ≅ \_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. YV // \_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. XW ≅\_\_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. ZY // \_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. VW ≅\_\_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7. MNOP is a parallelogram. Find the values of x, y, z and m<O. Show your justifications for your set up.**



**5z - 3**

 X = \_\_\_\_\_\_\_\_\_\_

**y°**

**(11x-5)°**

Y = \_\_\_\_\_\_\_\_\_\_

Z= \_\_\_\_\_\_\_\_\_\_

**(9x+5)°**

**2z + 6**

 m<O = \_\_\_\_\_\_\_\_\_\_

Find x: Find y: Find z:



 Find m<O:



5. ABCD is a parallelogram. Solve for ***h and* g** and show your justifications for your set up.

**(6h)°**

**13g + 3**

 **60cm**

**12°**

g = \_\_\_\_\_\_\_\_\_\_\_\_

h = \_\_\_\_\_\_\_\_\_\_\_\_

Find h: Find g: