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

**Parallel Lines and Transversals Homework**

**Find the value the missing variable(s).**

1. 2.



3. 4.

5. 6.

7. 8.

**Find the measures of all labeled angles in the diagram.**

9. m∠1 = \_\_\_\_

m∠2 = \_\_\_\_

m∠3 = \_\_\_\_

m∠4 = \_\_\_\_

m∠5 = \_\_\_\_

m∠6 = \_\_\_\_

m∠7 = \_\_\_\_

m∠8 = \_\_\_\_

m∠9 = \_\_\_\_

m∠10 = \_\_\_\_

10. m∠1 = \_\_\_\_

m∠2 = \_\_\_\_

m∠3 = \_\_\_\_

m∠4 = \_\_\_\_

m∠5 = \_\_\_\_

m∠6 = \_\_\_\_

m∠7 = \_\_\_\_

m∠8 = \_\_\_\_

m∠9 = \_\_\_\_

m∠10 = \_\_\_\_