Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_\_\_

**3.1-3.2 Review QUIZ**

The “measure of ” is the same as “”

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| 1. Use the figure to find the measures of and .  |  |  | | --- | --- | |  |  | | 1. Use the figure to find measures of the numbered angles.  |  |  | | --- | --- | |  |  | |
| 1. Determine whether each statement is true or false and explain the reason.      1. If , then the measure of   . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ because  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. If , then the measure of   . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ because  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Describe the relationship between each pair of angles. (corresponding, alternate interior, alternate exterior, vertical, or no relationship)      1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Find the value of x.     x = \_\_\_\_\_\_\_\_\_\_\_\_ | 1. Find the value of x.     x = \_\_\_\_\_\_\_\_\_\_\_\_ |

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| 1. Find the measure of the exterior angle.     The measure of the exterior angle is \_\_\_\_\_\_\_\_\_\_\_ | 1. Write an equation for the value of y in terms of x. Then solve the equation for x.   y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. The figure shows a truss used in the construction of a building. The measure of is . Find the measure of . | 1. Find the angle x (in degrees) that the wheelchair ramp makes with the ground.     x = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |