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

**3.1B Parallel Lines And Transversals\_Classwork**

*Objective: Identify angles created when parallel lines are cut by a transversal (CCSS: 8.G.5)*

*HW:  (3.1B) p. 107 #7 - 9, 15 – 23 (Solutions on p. A16)*

Read Examples 1 and 2 (p. 104 - 5). Then do On Your Own #1 – 3

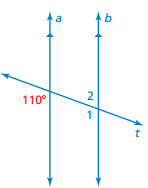
|  |
| --- |
| 1. Use the figure to find the measure of the angle. **Explain your reasoning.**     **because**    **because** |
| 1. Use the figure to find the measures of the numbered angles. |

|  |  |
| --- | --- |
| 1. Use the figure to find the measures of   **because**    **because** | 1. Use the figure to find the measures of the numbered angles. |

|  |
| --- |
| 1. Describe the relationship between each pair of angles.   **a) :** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **b)** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Video: <https://www.bigideasmath.com/protected/content/dcs_cc2/tutorials/mp4/cc12/grade%208/chapter%205/section%205/ltut_8_05_05_2/ltut_8_05_05_2.html>



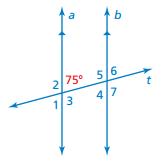


**because**

**because**







**because**

**because**

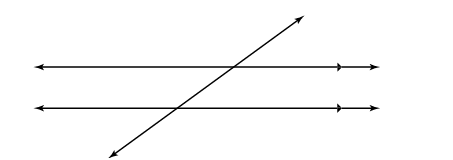
**because**

**because**

**because**

**because**

**because**



3.1B Lesson Launch

|  |  |
| --- | --- |
| Fill in 1st blank with:  **TYPE OF ANGLE PAIR**:   * Corresponding * Vertical * Alternate Interior * Alternate Exterior * Same-Side Interior * Same-Side Exterior | Fill in 2nd blank with:  **THESE ANGLES ARE…**   * Congruent * Supplementary |

