|  |  |  |
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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Parallel Lines Cut by a Transversal

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  A |  |  |  | 2  S |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |  | 3  A |  | A |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  | L |  | M |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 4  C | O | N | G | R | U | E | N | T |  | E |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  | E |  | S |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | N |  | R |  | I |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | A |  | N |  | D |  | 5  V |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 6  O |  | T |  | A |  | E |  | E |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | B |  | E |  | T |  | E |  | R |  |  |  | 7  A |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | T |  | I |  | E |  | X |  | T |  |  |  | C |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | U |  | N |  | E |  | T |  | I |  |  |  | U |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | S |  | T |  | X |  | E |  | C |  |  |  | T |  |  |  |  |  |
|  |  |  |  |  |  |  | 8  C | O | M | P | L | E | M | E | N | T | A | R | Y | A | N | G | L | E | S |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  | E |  | I |  | L |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | I |  | R |  | O |  | A |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | O |  | I |  | R |  | N |  |  |  |  |  |  |  |  |  |
|  |  | 9  S | A | M | E | S | I | D | E | I | N | T | E | R | I | O | R | A | N | G | L | E | S |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | A |  | R |  | N |  | L |  |  |  |  |  |  |  |  |  |
|  |  |  | 10  C | O | R | R | E | S | P | O | N | D | I | N | G | A | N | G | L | E | S |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | G |  | N |  | L |  | S |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |  | G |  | E |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | E |  | L |  | S |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | S |  | E |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11  S | U | P | P | L | E | M | E | N | T | A | R | Y |  |

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| **Across**  **4.** Corresponding angles have this relationship.  **8.** Angles with a sum of 90 degrees  **9.** Two angles that are on the same side of the transversal and on the inside of the parallel lines.  **10.** The angles that occupy the same relative position at each intersection where a straight line crosses two others.  **11.** Same Side Interior angles have this relationship | **Down**  **1.** The pairs of angles on opposite sides of the transversal, but inside the parallel lines.  **2.** Two angles that are on the same side of the transversal and on the outside of the parallel lines.  **3.** The pairs of angles on opposite sides of the transversal, but outside the parallel lines.  **5.** Angles that share a vertex and are congruent.  **6.** Angles that are larger than 90 degrees.  **7.** Angles that are smaller than 90 degrees |