Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Key Concepts** | **Notes** |
| Distance |  |
| Ruler Postulate |  |
| **Problem 1**Find the length of each segment | 1. *ST* b. *UV* c. *SV*
 |
| Segment Addition Postulate | If three points *A*, *B*, and *C* are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and *B* is between *A* and *C*, then \_\_\_\_ + \_\_\_\_ = \_\_\_\_\_. |
| **Problem 2**If *JL* = 120, what are *JK* and *KL*? |  |
| Congruent segments | If \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ have the same length, then the \_\_\_\_\_\_\_\_\_\_\_\_\_ are \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.Symbol: |
| Midpoint |  |
| Segment bisector |  |
| **Problem 3**Point *Q* is the midpoint of $\overbar{PR}$. What are *PQ*, *QR*, and *PR*? |  |

APPLICATION

|  |  |
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| 1. |  |
| 2. |  |
| 3. Point *S* is the midpoint of $\overbar{RT}$. What are *RS, ST*, and *RT*? |  |

COMPREHENSION