**Buddy Check 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Buddy Check 2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Homework: Representing with Equations**

Using your Blackline Master “Decomposing Angles”, identify each angle as acute, obtuse, or right & write an addition equation to represent the sum of the two parts equals the measure of the whole.

|  |  |  |
| --- | --- | --- |
| **Angle Number** | **Acute, Obtuse, or Right** | **Equation (Angle 1 + Angle 2 = Whole Angle)** |
| R |  |  |
| S |  |  |
| T |  |  |
| U |  |  |
| V |  |  |
| W |  |  |

**On the Back: Draw 3 angles - one acute, one obtuse, and one right. Decompose your angles into two parts. Measure and label each angle measurement. Write an equation to represent your whole angle.**

**Journal Prompt-Complementary and Supplementary**

**Explain why** an obtuse angle and an acute angle cannot be complementary. **Explain why** two acute angles cannot be supplementary. *Use pictures, numbers, and/or words to justify your reasoning.*