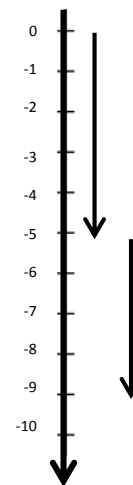Name _____   Date_____

Lesson 3: Understanding Addition of Integers
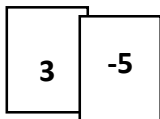
1. Refer to the diagram to the right.

    a.   Write an equation for the diagram to the right. _____

    b.   Find the sum. _____

    c.   Describe the sum in terms of the distance from the p-value. Explain.

    d.   What integers do the arrows represent? _____
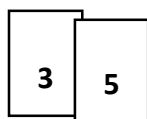
2. Jenna and Jay are playing the Integer Game. Below are the two cards they selected.

    a.   How do the models for these two addition problems differ on a number line? How are they the same?

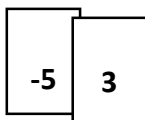   Jenna's Hand   Jay's Hand

    | 3 | -5 |

    | 3 | 5 |

    b.   If the order of the cards changed, how do the models for these two addition problems differ on a number line? How are they the same?

    Jenna's Hand   Jay's Hand

    | -5 | 3 |

    | 5 | 3 |