NAME_____

Challenge Problems

3.2

Set 1

1   When will the sum of two integers be positive?

2   When will the sum of two integers be negative?

3   When will the sum of two integers be zero?

Set 2

1   When adding two integers with the same sign, explain why the absolute values of the integers are added and the sum is given the same sign as the integers.

2   When adding two integers with different signs, explain why the absolute values of the integers are subtracted and the sum is given the same sign as the integer with the greater absolute value.

Additional Work Area