Unit: 4. Inequalities

VOCABULARY

absolute value	the distance from zero on the number line
compound inequality	a statement formed by two or more inequalities
element	a member of a set
intersection	the intersection of sets A and B is defined as any elements that are in both set A *and* set B
linear inequality	an open sentence of the form $Ax + By + C < 0$ or $Ax + By + C > 0$
maximum	the largest value
minimum	the smallest value
null set	a set containing no elements; also called the empty set
set	a collection or group of objects indicated by braces, { }
solution	a value or values of the variable that make an algebraic sentence true
subset	set A is a subset of set B if all of the elements of set A are contained in set B or it is the empty set
union	the union of sets A and B is defined as any elements that are in either set A *or* set B