

6.4 (pg. 270) **Absolute Value**

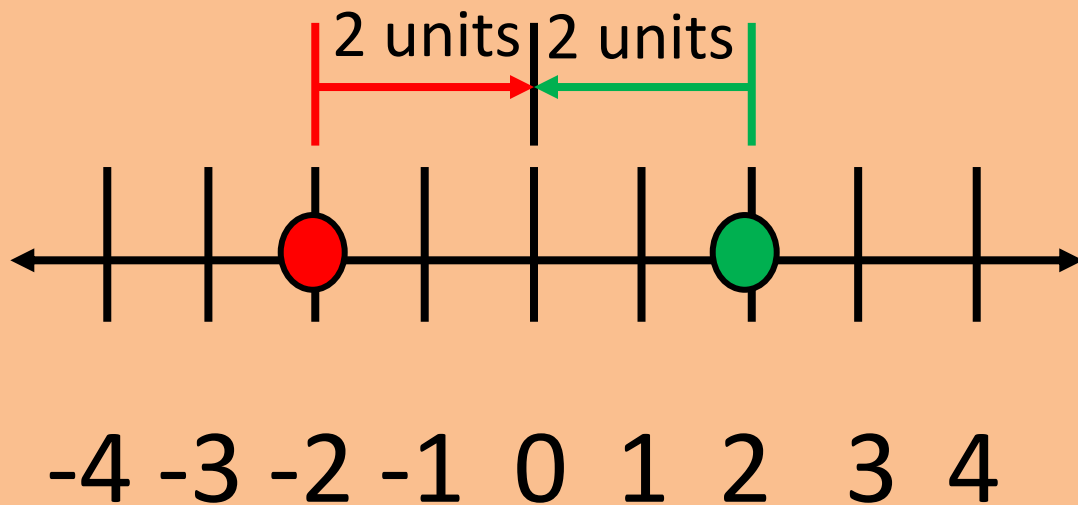
Absolute Value - Distance from zero on a number line. Absolute value is never negative; absolute value only asks "how far?", not "in which direction?"

Ex: $|-4| \rightarrow$ spoken as "the absolute value of negative four is four".

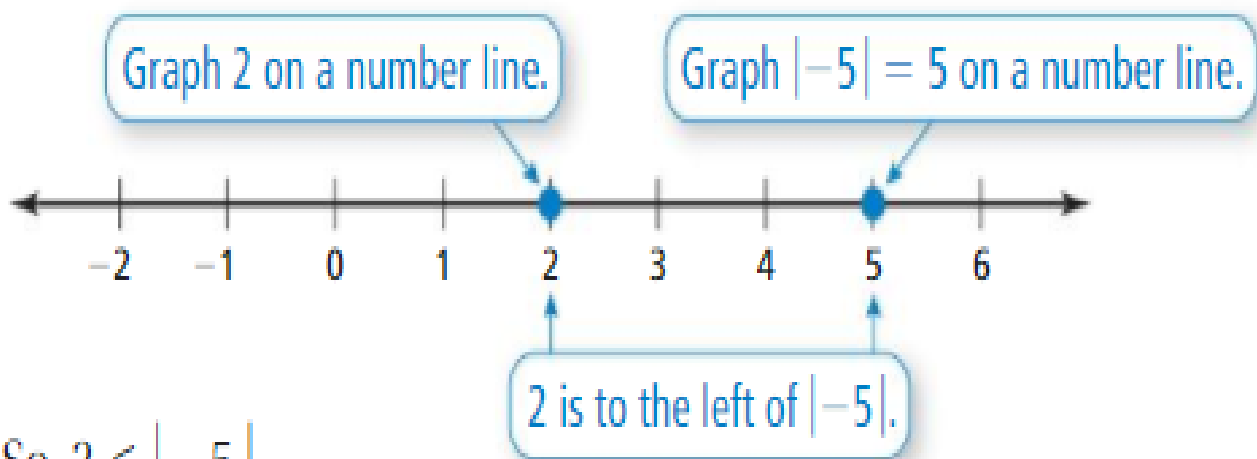
$$|9| =$$

$$|-36| =$$

$$|-2| = 2 \quad |2| = 2$$



Compare 2 and $|-5|$.



So, $2 < |-5|$.