Applied Algebra 2.1

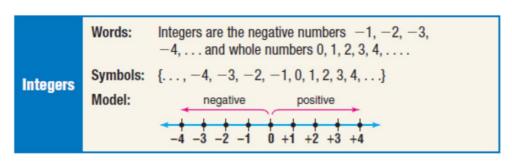
Graph integers on a number line Compare integers Order integers

number line
positive number
zero - 0 +
negative number
integer dofs on NJ,
whole number o +
natural number +
graph
coordinate
absolute value
order of operations

This number line represents the set of whole numbers.

A number line is drawn by choosing a starting position on a line and marking off equal distances from that point. The arrowhead indicates that the line and the set of numbers continue indefinitely.

activity: cards compare

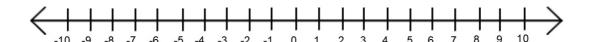


Zero is neither negative nor positive.

Name the coordinates of A, B, and C.

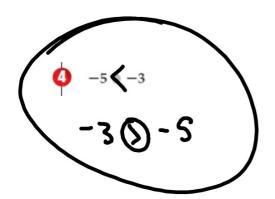


Graph points X, Y, and Z on a number line if X has coordinate 4, Y has coordinate 0, and Z has coordinate -3.



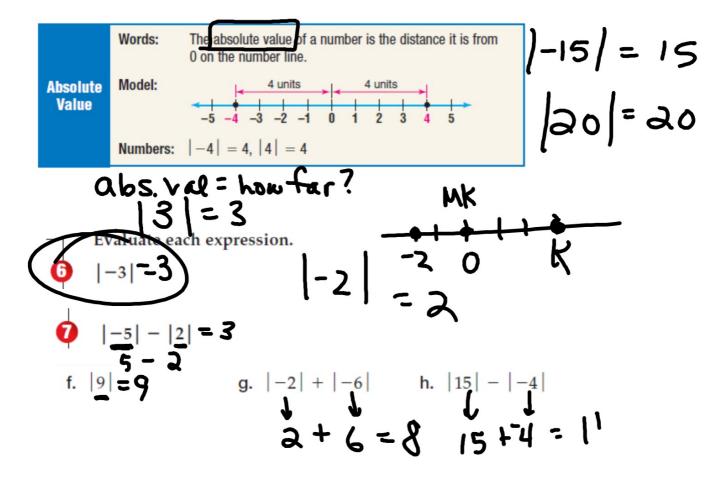






Your Turn

c. $-1 \circ -2$ **d.** $2 \circ -2$ **e.** $0 \circ 1$



whiteboards

$$|(3+-5)|$$
 $|(3-5)|$ $|(3+-5)|$

$$|4+6|^{2}$$
 $|3.3-12|$
 $|5+-10|$
 $|6-12|$
 $|10.2-30|$
 $|3.5-15|$