

+
positive

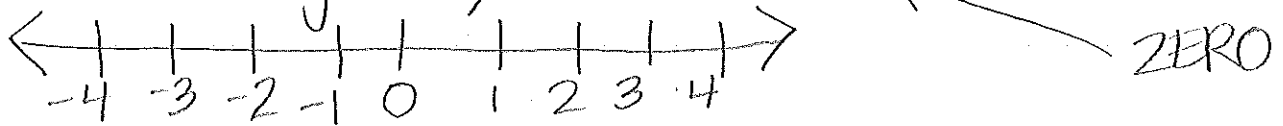
deposit
above
rise
up
increase
profit/gain
forward
credit
earn
right on a #line
over
run the ball
renew

-
negative

Withdraw
below
fall
down
decrease
loss/lose
backward
debt
lose
left on a #line
under
sacked
cancel

Integers and Absolute Value

Integer - a number that can be positive, negative, or neither.



- values increase as you move right
- values decrease as you move left.

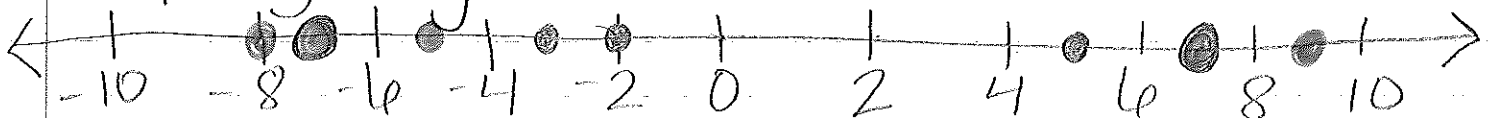
Examples:

- ① - Average temp. 5° below normal. -5
- ② - Average temp. 5° above normal. 5 or +5

③ Order from L → G
 $-2, 5, -10, 0, -1$
 $-10, -2, -1, 0, 5$

④ Order from G → L
 $7, -14, 0, -3, -7$
 $7, 0, -3, -7, -14$

Graphing Integers:



⑤ $\{-2, 5, -3\}$

⑥ $\{8, -7, 9, -5, 7\}$

Absolute value: the distance from zero on a number line. Grouping symbol like parenthesis. NEVER NEGATIVE!

$|7| = 7$

$|-7| = 7$

⑦ $|-4| = 4$

⑧ $|-5| - |2| = 3$
 $5 - 2$

⑨ $|2| + |-3| = 5$
 $2 + 3$