

9.30.2011

Integers on a Number Line

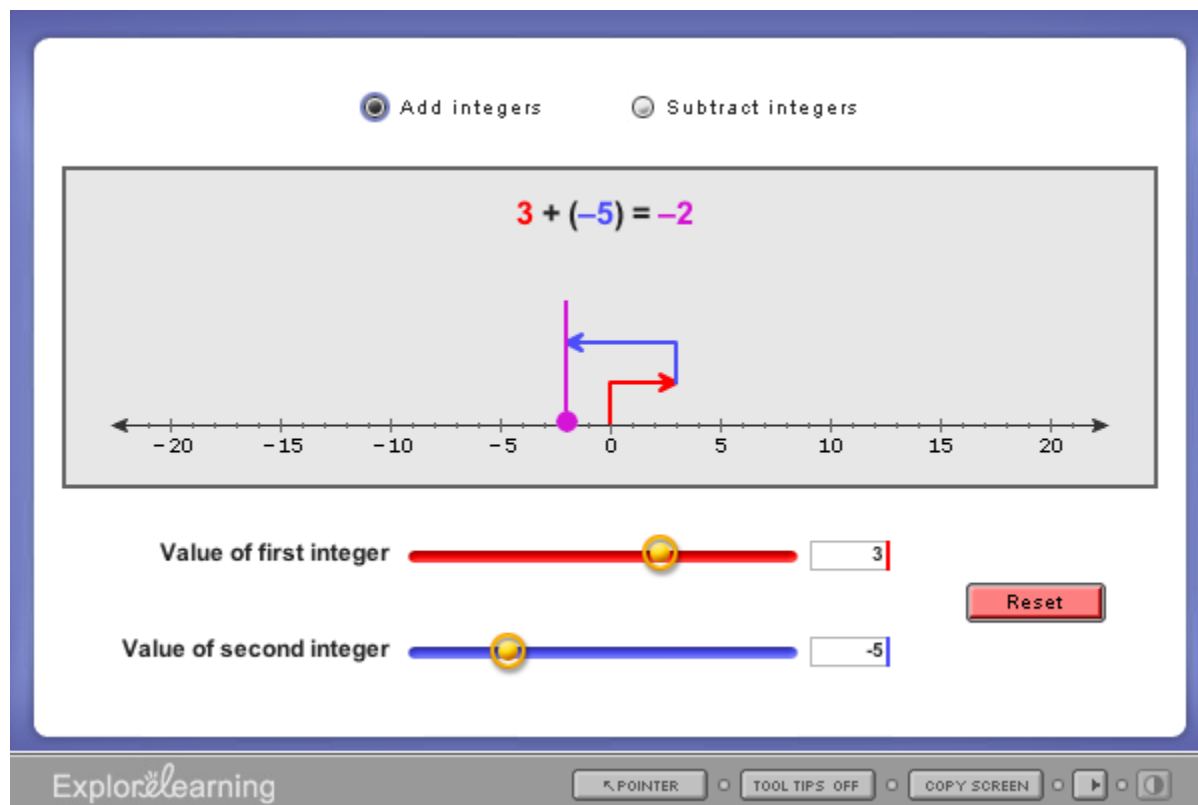
Do Now:

- $3(8 - 2) + 12$
 $3(6) + 12$
 $18 + 12 = 30$
- $\frac{17-12}{5} + (4 - 2)$
 $\frac{5}{5} + (2)$
 $1 + 2 = 3$
- $14 + (-11) = 3$
- $9 - (-8) = 17$

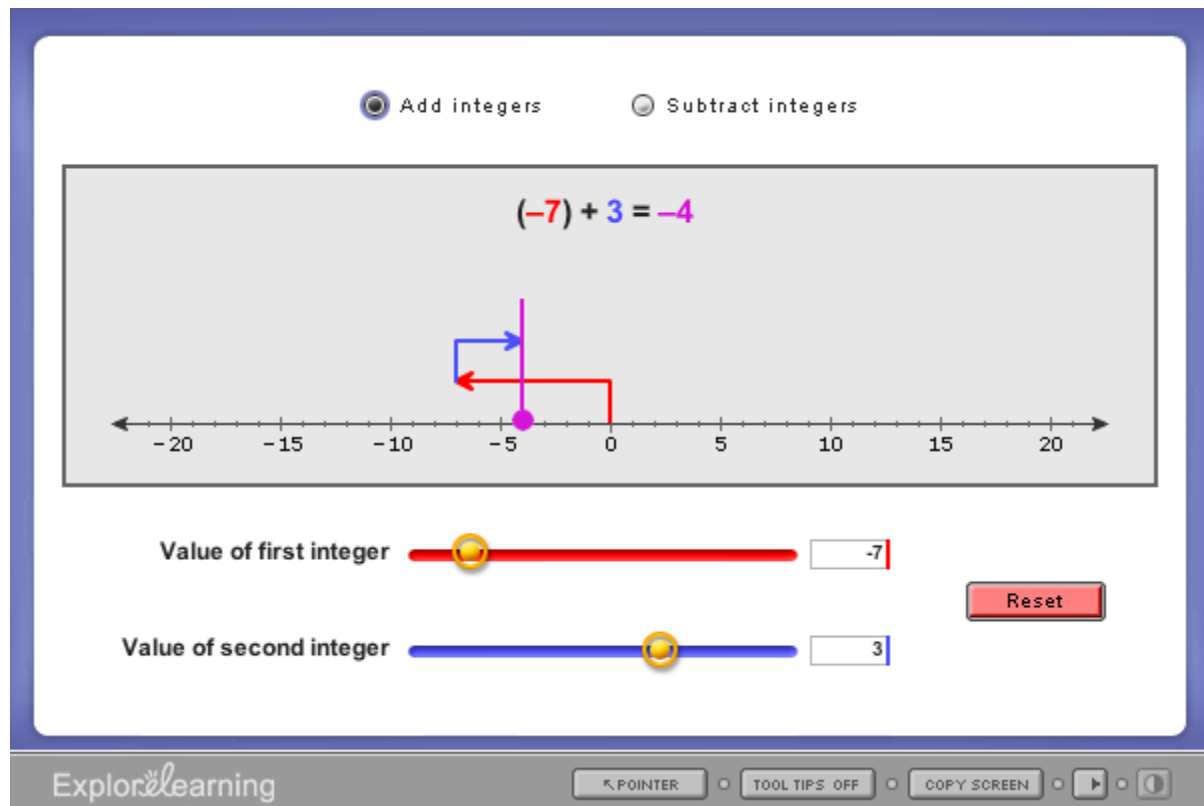
Adding Integers on a Number Line

- Always start at zero.
- First number tells direction from zero and number of units to move.
- Second number tells direction from the first number and number of units to move.

Example: $3 + (-5)$



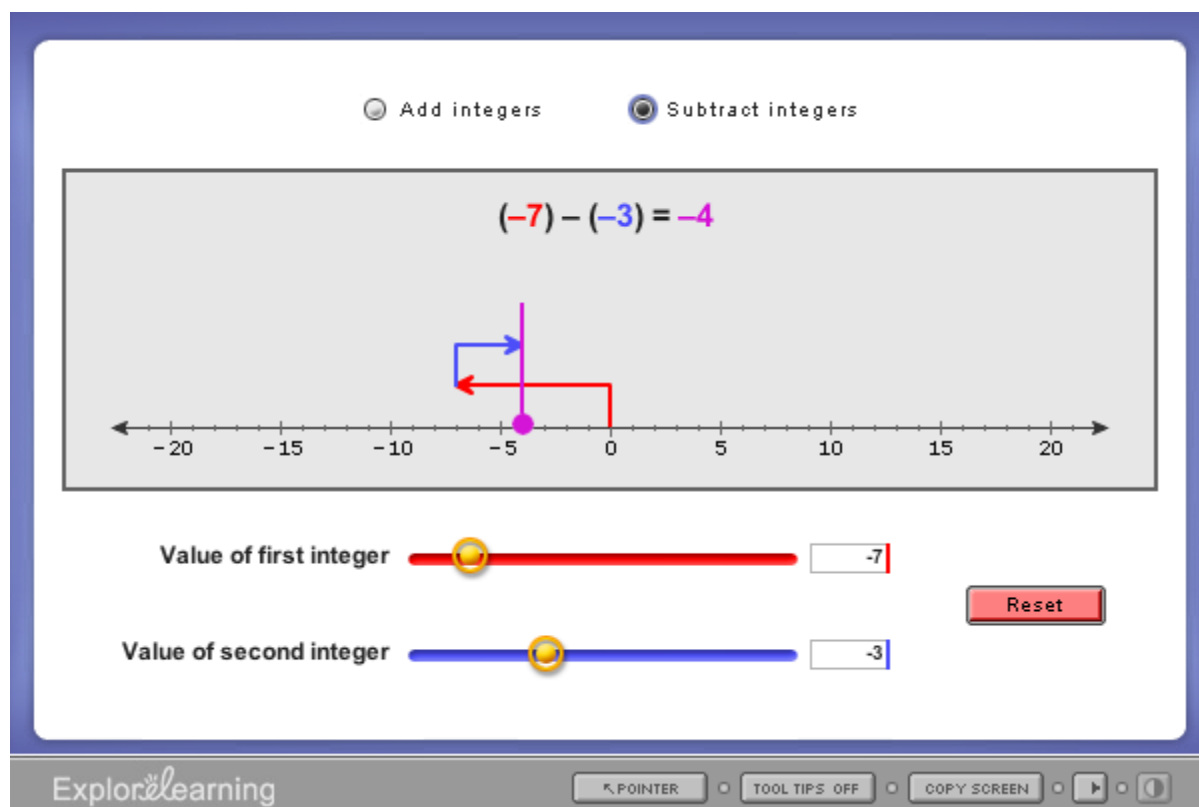
Example: $-7+3$



Subtracting Integers on a Number Line

- Always start at zero.
- First number tells direction from zero and number of units to move.
- Second number tells direction from the first number and number of units to move.

Example: $7-(-3)$



Example: $-4 - 8$

