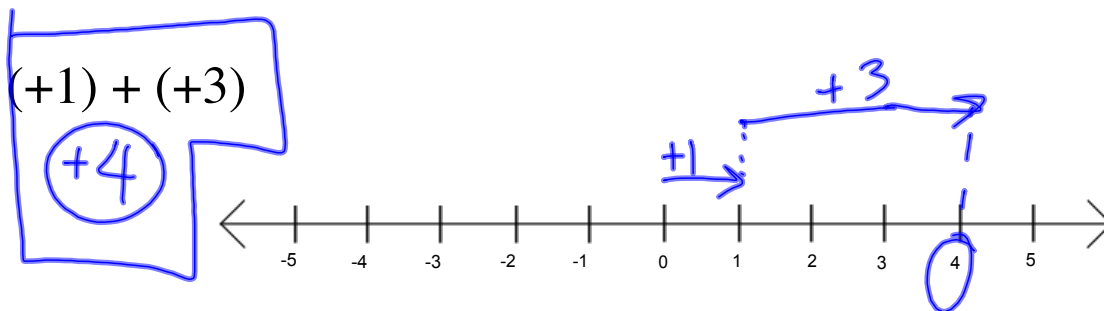
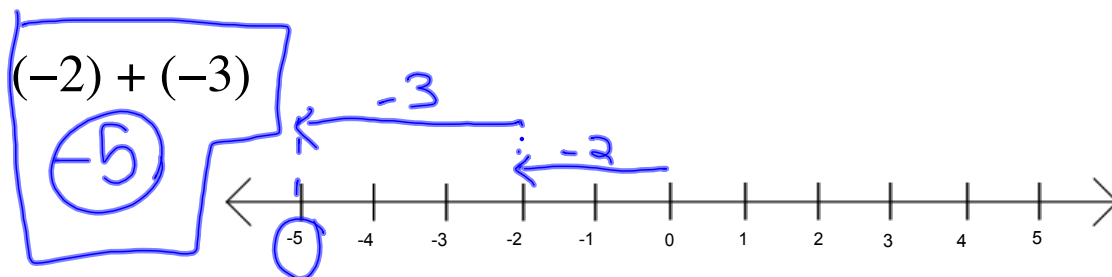
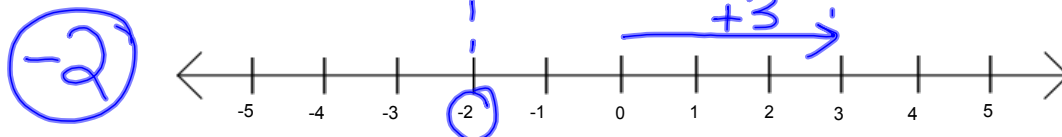


# 7th Grade Lesson 64

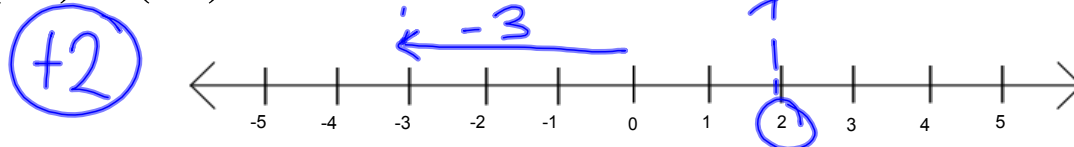
- I can add signed numbers without drawing a number line.



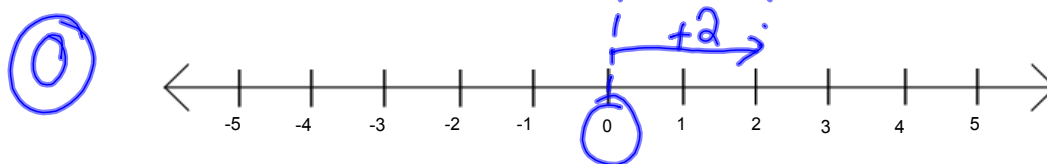
$$(+3) + (-5)$$



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



$$(+2) + (-2)$$



### Adding Signed Numbers

1. If the addends have the same sign you add them and the sum has that sign, too.
2. If the signs of the addends are different you subtract them and the sum has the same sign as the addend with the greater absolute value
3. The sum of opposites is zero

$$(-54) + (-78)$$

Rule #1

$$\textcircled{-132}$$

$$\begin{array}{r} 54 \\ + 78 \\ \hline 132 \end{array}$$

$$(+45) + (-67)$$

Rule #2

$$\textcircled{-22}$$

$$\begin{array}{r} 67 \\ - 45 \\ \hline 22 \end{array}$$

$$(-92) + (+92)$$

Rule #3

$$\textcircled{0}$$

$$(-3) + (-2) + (+7) + (-4)$$

$$-5 + 7 + -4$$

$$2 + -4$$

$$\textcircled{-2}$$

On one stock trade Tim lost \$450. On a second trade Tim gained \$800. What was the net result of the two trades?

$$-450 + 800$$
$$\text{\$ } 350$$

## Assignment:

Problem Set 64 (all) due Friday;  
Test #12 Tomorrow