

(4.)

$$3[14 - (8-5)^2] + 20$$

$$3[14 - 9] + 20$$

$$3[5] + 20$$

$$15 + 20$$

$$(35)$$

$$5b.) \quad 6|b| \quad b = -8$$

$$\begin{aligned} |8| &= 8 \\ |-8| &= 8 \end{aligned}$$

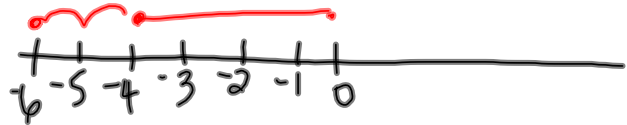
$$\begin{aligned} 6|-8| \\ 6(8) &= \textcircled{48} \end{aligned}$$

$$\begin{aligned} 46.) \quad & -|-10| \\ & -|10| \\ & = -10 \end{aligned}$$

## 1-4 Adding Integers

$$\{ \dots -3, -2, -1, 0, 1, 2, 3 \dots \}$$

$$-4 + (-2)$$

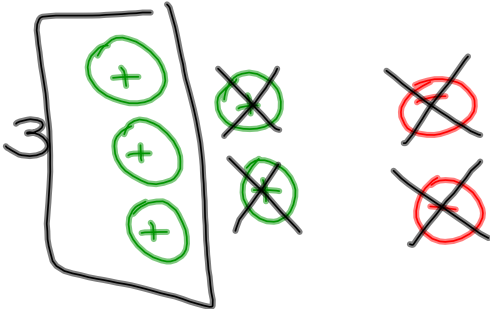
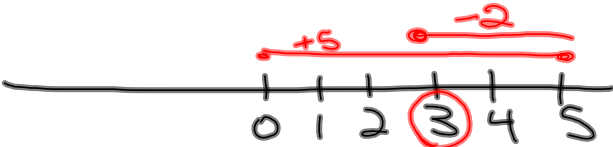


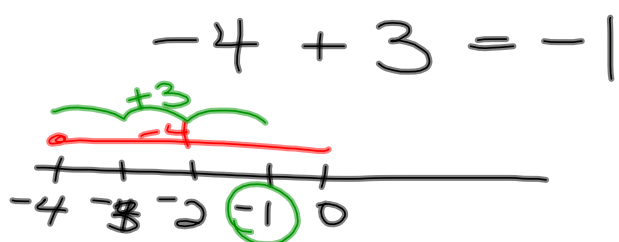
$$= -6$$

$$5 + 4 = 9$$

$$-4 + (-2)$$

$$5 + (-2) = 3$$





opposites

$$3 \quad -3$$

$$4 \quad -4$$

additive inverse <sup>opposite</sup> —  $5 + (-5) = 0$

adding opposites  
gives you zero!

$$-11 + (11) = 0$$

$$\cancel{-4} + (-12) + \cancel{4}$$
$$-12$$



$$\begin{array}{r} \textcircled{-9} + \underline{8} + \textcircled{-2} + \underline{16} \\ -11 + 24 \\ \textcircled{13} \end{array}$$

