

Lesson 15- Subtracting Integers

RULE

Subtraction is the same as adding the opposite

keep the integer the same, switch to addition and change (flip) the sign of the last number

$$\begin{array}{l} (+2) - (-3) \quad \text{or} \quad (-2) - (+3) \\ (+2) + (+3) = 5 \quad (-2) + (-3) = -5 \end{array}$$

Examples:

$$\begin{array}{l} (-4) - (-1) = \\ (-4) + (+1) = -3 \end{array}$$

$$\begin{array}{l} (+2) - (+5) = \\ (+2) + (-5) = -3 \end{array}$$

$$\begin{array}{l} (-1) - (+4) = \\ (-1) + (-4) = -5 \end{array}$$

$$(-2) - (-3) = 1$$

$$(+4) - (-4) = 8$$

$$(-2) - (+5) = -7$$

$$\begin{array}{l} (-3) - (-5) = 2 \\ (-3) + (+5) \end{array}$$

$$(+2) - (-6) = 8$$

$$(+10) - (-2) = 12$$

$$\begin{array}{l} (-15) - (-2) = -13 \\ (-15) + (+2) \end{array}$$

$$(-3) - (+1) = -4$$

$$(0) - (+3) = -3$$