

# LEYES DE LOS SIGNOS $+ \times - \div$

Sumas y Restas

$\begin{matrix} + & + \\ - & - \end{matrix} \}$  Suman  
y Conservan  
el signo

$\begin{matrix} + & - \\ - & + \end{matrix} \}$  Mayor-Menor  
y conservan signo  
Mayor

M-m  
 $\pm M$

Ejemplos:

Suma y Resta

$$-5 - 4 = -9$$

$$-5 + 4 = -1$$

$$5 - 4 = 1$$

$$5 + 4 = 9$$

$$(-5) - (-4) = -5 + 4 = -1$$

$$(-5) - (4) = -5 - 4 = -9$$

$$(+5) - (-4) = 5 + 4 = 9$$

$$(5) - (4) = 5 - 4 = 1$$

Extras

$$-5 - 4 + 3 - 2 = (-5 - 4 - 2) + 3 = -11 + 3 = -8$$

$$-5 \cdot 4 - 3 \cdot 2 = (-5 \cdot 4) - (3 \cdot 2) = -20 - 6 = -26$$

Multip.  
División

$$\begin{matrix} + & + \\ - & - \end{matrix} \} +$$

$$\begin{matrix} - & + \\ + & - \end{matrix} \} -$$

Mult. y Div.

$$5 \cdot 4 = 20$$

$$5 \div 4 = 5/4 = 1.25$$

$$-5 \cdot -4 = 20$$

$$-5 \cdot 4 = -20$$

$$5 \cdot -4 = -20$$

$$5 \div (-4) = -\frac{5}{4}$$

$$(-5) \div (-4) = \frac{5}{4}$$