

# Mathematica I

$$8(1/8) = 1$$

$$(-8)(-1) = 8$$

$$(1)(-1) = -1$$

$$(8)(-1) = -8$$

$$8(1/8) = 1$$

$$(-8)(-1) = 8$$

$$8(1/8) = 1$$

$$(7/4 + 8/3) : (8/8 = 1) = (1/12) = 1/12$$

$$7/4 + 8/3 = 21/12 + 32/12 = 53/12$$

$$53/12 : 1 = 53/12$$

$$53/12 = 4 \frac{5}{12}$$

$$4 \frac{5}{12}$$

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### Ejercicios de operaciones con números reales

$10 - 2 = 8$

$$-3 - 7 = \underline{-10}$$

$$-5 + 2 = \underline{-3}$$

$$3 + (4 + 5) = 12$$

$$5 + (2 - 7) = \underline{0}$$

$$-7 + (-2-9) = \underline{-7} + (-11) = \underline{-18}$$

$$\rightarrow 1 - 7(-6+9) = \underline{1-7(3)} = 1-21 = -20$$

$$-10 + (8+7) = \underline{-10} + (15) = 5$$

→  $-10/5(-2) = \underline{4}$

$$1/2 + 3/4 = \frac{4-6}{8} = \frac{10}{8} = \frac{5}{4} = 1.25$$

$$3/5 - 7/8 = \frac{24}{40} - \frac{35}{40} = -\frac{11}{40}$$

$$3/7 + 5/3 - 2/7 = \frac{9+35-6}{21} = \frac{38}{21}$$

$$3/2 + 2/3 + -1/4 = \frac{18+8-4}{12} = \frac{22}{12} = \frac{11}{6}$$

$$2/3 \times 3/5 = \frac{2}{\cancel{3}} \times \frac{\cancel{3}}{5} = \frac{2}{5}$$

$$\bullet -7-(3-14) = -7(-9) = 41$$

$$\bullet -6-3(-7+8) = -6-3(+1) = -6-3+1 = -8$$

$$-10 - (-2) = -10 + 2 = -8$$

$$-9 + 2(8+7) = -9 + 2 + (15) = -9 + 30 = 21$$

$$-6/(-2+6) = \frac{-6}{(-2+6)} = \frac{-6}{4}$$

$$-10/-3(-1-7) = \frac{-10}{-3(+7)} = \frac{-10}{-21} = \frac{10}{21}$$

$$\bullet 8(-2) = 8 \cdot 2 = 16$$

$$(-7)(-4) = \underline{28}$$