

Resuelva los siguientes ejercicios efectuando las operaciones pertinentes y resaltando la

Respuesta:

$$10 - 2 = 8$$

$$-3 - 7 = -10$$

$$-5 + 2 = -3$$

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

$$5 + (2 - 7) = 0$$

$$-7 + (-2 - 9) = -18$$

$$1 - 7(-6 + 9) = -6$$

$$-10 + (8 + 7) = 5$$

$$\frac{-10}{5(-2)} = 4$$

$$1/2 + 3/4 = \frac{2}{4} + \frac{3}{4} = \frac{5}{4}$$

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

$$3/7 + 5/3 - 2/7 = \frac{9 + 35 - 6}{21} = \frac{38}{21} = 1 \frac{17}{21}$$

$$3/2 + 2/3 + -1/4 = \frac{18 + 8 - 3}{12} = \frac{23}{12}$$

$$(2/3)(3/5) = \frac{2}{5}$$

$$8(4) = 32$$

$$(-4)(-6) = 24$$

$$8(-5) = -40$$

$$5(-4)(-2) = 40$$

$$(-6)(-2)(-1) = -12$$

$$(-3)(-2)(-5)(-4)(-1) = -120$$

$$4(6) = 24$$

$$(-5)(-9) = 45$$

$$9(-4) = -36$$

$$3(-5)(-1) = 15$$

$$(-8)(-5)(0) = 0$$

$$15 + (12 - 3) = 24$$

$$(13 - 8) - (15 + 3) + (4 + 2) = -7$$

$$6 + \{15 + [5 + (6 + 3) - (8 - 2)]\} - 1 = 28$$

$$\{15 [5 + 3]\}$$

$$6 + 15 + 8 - 1$$

$$-7 - (3 - 14) = 4$$

$$-6 - 3(-7 + 8) = -9$$

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

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

$$\frac{-6}{(-2+6)} = -1.5$$

$$(-7)(-4) = 28$$

$$(-9)6 = -54$$

$$(1) - (-11) = 12$$

$$(20) + (-7) = 13$$

$$-5 - (10) = -15$$

$$(-3) - (-2) = -6$$

$$8 \frac{1}{8} = 8.125$$

$$(7/4 + 5/-3) - (2/6 - 1) =$$

$$\frac{7}{4} + \frac{5}{-3} \quad \frac{2}{6} - \frac{6}{6}$$

$$\frac{-21+20}{12} \quad \frac{4}{6}$$

$$\frac{1}{12} - (-\frac{2}{3})$$

$$\frac{1}{12} + \frac{2}{3} = \frac{2+21 \cdot 3}{36} = \frac{21}{36} = \frac{7}{12} = \frac{3}{4}$$

$$\left[\frac{1}{2} - \frac{3}{4} + \frac{7}{8} \right] = \frac{4}{8} - \frac{6}{8} + \frac{7}{8} = \frac{5}{8}$$

$$\left[\frac{1}{2} + \frac{3}{4} - \frac{7}{8} \right] = \frac{4}{8} + \frac{6}{8} - \frac{7}{8} = \frac{3}{8}$$

$$\frac{4}{8} \quad \frac{6}{8}$$

$$1 - \frac{1}{1 + \frac{1}{2}}$$

$$1 - \frac{\frac{2}{2}}{\frac{3}{2}} = \frac{6}{6} - \frac{2}{6} = \frac{4}{6} = \frac{2}{3}$$

$$2 + \frac{3}{1 + \frac{5}{2}}$$

$$2 + \frac{\frac{6}{2}}{\frac{2}{2} + \frac{5}{2}} = 2 + \frac{3}{\frac{7}{2}} = 2 + \frac{6}{7} = \frac{14}{7} + \frac{6}{7} = \frac{20}{7}$$

$$\left(\frac{2}{7} - 5 \right) / \left(1 - \frac{1}{7} \right) = \frac{11}{2}$$

$$\frac{2 - (1/2 + 3/-5) + 1}{2 + [3 - (2 + 5)]} = \frac{\frac{21}{10} + 1 = \frac{21}{10} + \frac{10}{10} = \frac{31}{10}}{-2} + 1 = -\frac{31}{20} + \frac{20}{20} = -\frac{11}{20}$$

$$\begin{array}{l} 2 - (\frac{1}{10}) \\ 2 + \frac{1}{10} \\ \frac{20}{10} + \frac{1}{10} = \frac{21}{10} \end{array} \quad \begin{array}{l} 7 \\ -4 \end{array}$$

$$\frac{3 - (2 + 1/3)}{-1 - 2/4 * 6/3} = \frac{\frac{2}{3}}{-2} = -\frac{2}{6} = -\frac{1}{3}$$

$$3 - (\frac{6}{3} + \frac{1}{3}) = 1 - \frac{1}{2} * 2$$

$$\frac{9}{3} - \frac{7}{3} = \frac{2}{3} - 1 - 1 = -2$$

$$\frac{3}{8} [1 - 2 (1/3 - 2/-6)] = -\frac{1}{8}$$

$$\frac{3}{8} [1 - 2 (\frac{1}{3} - \frac{2}{6})]$$

Ejercicios de operaciones con números Reales

$$4 - 2(8 - 11) + 6 \quad 4 + 6 + 6 = 16$$

$$3[2 - 4(7 - 12)] \quad 3[2 + (2120)] \quad 3[22] = 66$$

$$3(2^{-4}(5))$$

$$-4[5(-3 + 12 - 4) + 2(13 - 7)] \quad -4[37] = 148$$

$$-4[5(5)+2(6)] - 4[25+12]$$

$$5[-1(7 + 12 - 16) + 4] + 2 \quad 5[1] + 2 = 5 + 2 = 7$$

$$5[-1(3)+4]+2=5[-3+4]+2$$

$$\frac{3}{4-7} + \frac{3}{21} - \frac{1}{6} = \frac{-42+6-7}{42} = \frac{-43}{42}$$

$$\frac{1}{3} \left[\frac{1}{2} \left(\frac{1}{4} - \frac{1}{3} \right) + \frac{1}{6} \right] \left(\frac{1}{4} - \frac{1}{3} \right) = \frac{1-1}{12} = \frac{1}{12} \left[\frac{1}{3} \left[\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{6} \right] + \frac{1}{3} \left[\frac{1}{2} + \frac{1}{6} \right] \right]$$

$$\frac{1}{3} \left[\frac{1}{24} + \frac{1}{6} \right] - \frac{1+1}{48} = \frac{1}{3} \left[\frac{2}{48} \right] - \frac{2}{48} = \frac{1}{72}$$

$$-\frac{1}{3} \left[\frac{2}{5} - \frac{1}{2} \left(\frac{1}{3} - \frac{1}{5} \right) \right] - \frac{1}{3} - \frac{1}{5} - \frac{1}{15} - \frac{1}{3} \left[\frac{2}{5} - \frac{1}{2} \left(\frac{1}{5} \right) \right] - \frac{1}{3} \left[\frac{2}{5} - \frac{1}{30} \right] - \frac{1}{3} \left[\frac{1}{60} \right] = \frac{1}{120}$$

Numerador		Denominador	
$\frac{11}{7} - \frac{12}{21}$	$\frac{33-12}{21} = \frac{21}{21} = 1$	$\frac{11}{7} + \frac{12}{21}$	$\frac{33+12}{21} = \frac{45}{21} = \frac{15}{7}$

$$\frac{3}{2} - \frac{1}{3} = \frac{9}{2}$$

Ejercicios de operaciones con números Reales