

Axel L

INSTRUCCIONES: Resuelva las siguientes operaciones con números reales.
<https://www.youtube.com/watch?v=ASvBBYxDhE0&list=PLeySRPnY35dF1DoKO5VyboxzdT4UyyPA&index=4>

$$10 - 2 = 8$$

$$-3 - 7 = -10$$

$$-5 + 2 = -3$$

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

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

$$-7 + (-2 - 9) = -4$$

$$1 - 7(-6 + 9) = -20$$

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

$$\frac{9}{6} + -\frac{4}{6} = \frac{5}{6}$$

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

$$\frac{3/5 + 1/3}{1 + 2/3 \cdot 3/15} = \frac{9+5}{15} = \frac{14}{15} = \frac{14}{15} = \frac{14}{15}$$

$$\frac{42}{15} = \frac{14}{5}$$

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

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

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

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

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

$$-10 / -3(-1 - 7) = \frac{5}{12}$$

$$5(-4) = -20$$

$$\frac{2 - (1/2 + 3/5) + 1}{6 + [5 - (2 + 5)]} = \frac{3/10}{-1} = \frac{83}{80}$$

$$\frac{4 - (2 + 1/3)}{-1 - 8/4 \cdot 6/3} = \frac{5/3}{-2} = \frac{5}{12}$$

$$\frac{15}{36} = \frac{5}{12}$$

$$\frac{8}{4} \times \frac{6}{3} = \frac{48}{12} = \frac{24}{6} = \frac{12}{3}$$

165

$$\frac{126}{153}$$

$$\frac{-10}{24} - \frac{5}{12}$$

$$\frac{3}{80}$$

$$\frac{42}{51}$$

$$\frac{1}{8}$$

$$\frac{6}{10} + -\frac{6}{10}$$

$$-\frac{1}{10}$$

A

INSTRUCCIONES: Resuelva las siguientes operaciones con fracciones

$$\frac{12}{7} + \frac{4}{7} + \frac{20}{7} = \frac{36}{7}$$

$$\frac{21}{13} + \frac{14}{13} + \frac{10}{13} = \frac{45}{13}$$

$$\frac{15}{11} + \frac{10}{11} + \frac{21}{11} = \frac{46}{11}$$

$$\frac{31}{17} + \frac{41}{17} + \frac{38}{17} = \frac{110}{17}$$

$$\frac{23}{7} - \frac{14}{7} = \frac{9}{7}$$

$$\frac{43}{11} - \frac{29}{11} = \frac{14}{11}$$

$$\frac{89}{13} - \frac{78}{13} = \frac{11}{13}$$

$$\frac{103}{19} - \frac{94}{19} = \frac{9}{19}$$

$$\frac{5}{6} + \frac{2}{3} = \frac{5+4}{6} = \frac{9}{6} = \frac{3}{2}$$

$$\frac{7}{8} + \frac{3}{10} = \frac{35+12}{40} = \frac{47}{40}$$

$$\frac{7}{12} + \frac{5}{9} + \frac{11}{18} = \frac{21+20+22}{36} = \frac{63}{36} = \frac{7}{4}$$

$$\frac{3}{4} - \frac{1}{6} = \frac{9-2}{12} = \frac{7}{12}$$

$$\frac{2}{9} - \frac{4}{15} + 2 = \frac{10-12}{45} = -\frac{2}{45}$$

$$\frac{3}{4} + \frac{7}{2} - \frac{3}{8} = \frac{6+28-3}{8} = \frac{31}{8}$$

$$\frac{3}{5} - \frac{7}{10} + \frac{3}{8} - 3 = \frac{24-28+15}{40} = \frac{11}{40}$$

$$\frac{11}{40} - \frac{120}{40} = -\frac{109}{40}$$

Prácticas y/o ejercicios

- <https://www.youtube.com/watch?v=YGXURDXHfGI>

INSTRUCCIONES: Resuelva las siguientes multiplicaciones con fracciones.

1) $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$

2) $\frac{5}{10} \times \frac{2}{4} = \frac{1}{4}$

3) $\frac{1}{3} \times \frac{1}{5} = \frac{1}{15}$

4) $\frac{1}{6} \times \frac{1}{10} = \frac{1}{60}$

5) $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$

6) $\frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$

7) $\frac{8}{10} \times \frac{2}{3} = \frac{16}{30} = \frac{8}{15}$

8) $\frac{4}{5} \times \frac{8}{10} = \frac{32}{50} = \frac{16}{25}$

9) $\frac{2}{4} \times \frac{1}{5} = \frac{2}{20} = \frac{1}{10}$

10) $\frac{1}{3} \times \frac{3}{5} = \frac{3}{15} = \frac{1}{5}$

Axel L

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

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

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

$$4(6) = 24$$

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

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

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

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

Prácticas y/o ejercicios

- <https://www.youtube.com/watch?v=q25yIIIEwrs>

INSTRUCCIONES: Resuelva las siguientes divisiones con números Reales.

$$-56 \div 8 = -7$$

$$-18 \div (-6) = 3$$

$$(+15) : (+3) = 5$$

$$(-24) : (+8) = -3$$

$$\frac{3}{4} : \frac{5}{7} = \frac{21}{20}$$

$$\frac{7}{3} \div \frac{1}{4} = \frac{28}{3}$$

for

Axel L



MATEMÁTICAS I PREPARATORIA

LABORATORIO STEAM

PRACTICA 1 ARITMETICA

Videos Introductorios al tema

- <https://www.youtube.com/watch?v=Rv-ySOwReZQ>

Prácticas y/o ejercicios

INSTRUCCIONES: Resuelva las siguientes sumas y restas con números Reales.

$$7 - 2 = 5$$

$$-18 - 7 = -25$$

$$-5 + 2 = -3$$

$$6 + 12 = 18$$

$$3 + 5 - 8 + 4 - 6 = -2$$

$$7 - 9 + 8 - 1 + 9 - 2 = 12$$

$$17 - 21 + 2 - 5 = -7$$

INSTRUCCIONES: Resuelva las siguientes multiplicaciones con números Reales.

<https://www.youtube.com/watch?v=Rxx-JhmxLG4&t=100s>

$$8 (4) = 32$$

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

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