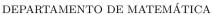
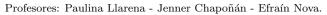
UNIVERSIDAD DEL BÍO-BÍO



FACULTAD DE CIENCIAS







Segundo Semestre 2022

Guía $m N^{\circ}2$ Operatoria - Números Racionales Cálculo I (220157)

CALCULE.

1.
$$\frac{5}{16} \left(\frac{3}{4} + \frac{7}{8} \right)$$

2.
$$\frac{3}{4} \left(3\frac{1}{2} - \frac{2}{3} \right)$$

3.
$$1\frac{5}{8} \times 2\frac{1}{2} - 3\frac{1}{5} \times 1\frac{3}{4}$$

4.
$$\frac{3}{4} - \frac{1}{2} \times \frac{2}{3} + 2\frac{1}{5}$$

5.
$$2\frac{1}{2} \div \frac{3}{4} \times \frac{1}{3} - 2\frac{5}{8}$$

6.
$$\left(\frac{3}{7} + \frac{4}{5}\right) \div 2\frac{1}{8}$$

Respuestas:

1.
$$\frac{65}{128}$$

3.
$$-1\frac{43}{80}$$

5.
$$3\frac{59}{72}$$

2.
$$2\frac{1}{8}$$

4.
$$2\frac{37}{60}$$

6.
$$\frac{344}{595}$$

Sea: $a = \frac{3}{4}, \ b = -1\frac{1}{2}, \ c = 2\frac{3}{4}$ y $d = -\frac{1}{6}$. Determine:

$$1. \ 3a - 2b \div 5d$$

3.
$$3 - d(c + b)$$

5.
$$c - \frac{1}{3}d - \frac{5}{6}$$

2.
$$a+2b+\frac{1}{2}$$

4.
$$a(c-d)$$

6.
$$6(d+4)+2$$

RESPUESTAS:

1.
$$-1\frac{7}{20}$$

3.
$$3\frac{5}{36}$$

5.
$$2\frac{2}{3}$$

2.
$$-1\frac{1}{4}$$

4.
$$1\frac{7}{8}$$

RESOLVER. ANTE CUALQUIER DUDA, CONSULTAR A SU PROFESORA.

1.
$$\frac{7}{4} \div \left(\left(\frac{4}{3} - \frac{2}{8} \right) \times 3 \right)$$

3.
$$1 - \frac{3}{2} \times 4 - \frac{1}{3} \times (\frac{1}{5} - \frac{1}{10})$$

$$5. \ \frac{-1 + \frac{3}{4} - \frac{1}{3}}{2 - \frac{1}{4}}$$

2.
$$-3 \times \frac{4}{15} - (\frac{7}{8} \times 5 - 9)$$

4.
$$1 + \frac{1}{2 + \frac{1}{2 + \frac{1}{2}}}$$