

Tarea 8

5)

Restar las siguientes fracciones.

$$1) \frac{19}{21} - \frac{2}{21} - \frac{4}{21} - \frac{6}{21} = \frac{19-2-4-6}{21} = \frac{7}{21} = \frac{1}{3}$$

$$2) \frac{13}{8} - \frac{3}{8} - \frac{5}{8} - \frac{1}{8} = \frac{13-3-5-1}{8} = \frac{4}{8} = \frac{2}{4} = \frac{1}{2}$$

$$3) \frac{35}{84} - \frac{19}{84} - \frac{8}{84} = \frac{35-19-8}{84} = \frac{8}{84} = \frac{4}{42} = \frac{2}{21}$$

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

$$2-6 \mid 2 \quad 6 \div 2 = 3 \times 1 = 3$$

$$1-3 \mid 3 \quad 6 \div 1 = 6 \times 1 = 6$$

$$6 \mid 6 \mid 6 \mid 6 \mid 6 \mid 6$$

$$5) \frac{1-1-1}{2 \ 8 \ 40} \quad \frac{20-5-1}{40} = \frac{11}{40} = \frac{7}{20}$$

$$2-8-40 \mid 2$$

$$1-4-20 \mid 2$$

$$1-2-10 \mid 2$$

$$1-1-5 \mid 5$$

$$\underline{1}$$

$$40/2 = 20 \times 1 = 20$$

$$40/8 = 5 \times 1 = 5$$

$$40/40 = 1 \times 1 = 1$$

$$6) \frac{3-1-1}{15 \ 45 \ 90} \quad \frac{18-2-1}{90} = \frac{15}{90} = \frac{5}{30} = \frac{1}{6}$$

$$15-45-90 \mid 2$$

$$15-45-45 \mid 3$$

$$5-15-15 \mid 3$$

$$5-5-5 \mid 5$$

$$1-1-1$$

$$90/15 = 6 \times 3 = 18$$

$$90/45 = 2 \times 1 = 2$$

$$90/90 = 1 \times 1 = 1$$

$$7) 9\frac{7}{8} - 2\frac{5}{24}$$

Resta de los enteros $9 - 2 = 7$
 Resta de los quebrados

$$\frac{7 \times 3}{8 \times 3} - \frac{5 \times 1}{24 \times 1} = \frac{21}{24} - \frac{5}{24} = \frac{16}{24} = \frac{2}{3}$$

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

$$7\frac{2}{3}$$

$$8) 12\frac{2}{3} - 7\frac{1}{11}$$

Resta de enteros $12 - 7 = 5$
 Resta de quebrados

$$\frac{2}{3} - \frac{1}{11 \times 3} = \frac{22 - 3}{33} = \frac{19}{33}$$

$$3 - 11 \mid 3$$

$$1 - 11 \mid 11$$

$$1 - 1 \mid 33$$

$$33/3 = 11 \times 2 = 22$$

$$33/11 = 3 \times 1 = 3$$

$$5\frac{19}{33}$$

$$9) 14\frac{11}{45} - 5\frac{7}{60}$$

Resta de enteras $14 - 5 = 9$

Resta de quebrados

$$\frac{11}{45} - \frac{7}{60} = \frac{44}{180} - \frac{21}{180} = \frac{23}{180}$$

$$45 - 60 \mid 2 \quad 180 / 45 = 4 \times 11 = 44$$

$$45 - 30 \mid 2 \quad 180 / 60 = 3 \times 7 = 21$$

$$45 - 15 \mid 3 \quad 12$$

$$15 - 5 \mid 3 \quad 36$$

$$5 - 5 \mid 5$$

$$1 \quad 1$$

$$\begin{array}{r} 923 \\ 180 \end{array}$$

$$10) 9\frac{1}{6} - 7\frac{2}{3}$$

Resta de enteras $9 - 7 = 2$

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

$$2 - 1 =$$

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

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