

Ana Villatoro
Cuarto Magisterio
Tarea 8
Matemáticas

Taxe 8

Ana Villatoro.

$$\textcircled{1} \quad \frac{10}{21} - \frac{2}{21} - \frac{4}{21} - \frac{6}{21} = \frac{10-2-4-6}{21} = \frac{-2}{21} = -1$$

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

$$\textcircled{3} \quad \frac{35}{84} - \frac{19}{84} - \frac{8}{84} = \frac{35-19-8}{84} = \frac{8}{84} = \frac{2}{21}$$

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

$$\begin{array}{r} 2-6 \quad 2 \\ 1-3 \quad 3 \\ 1 \quad 6 \end{array}$$

$$\begin{array}{l} 6/2 = 3 * 1 = 3 \\ 6/1 = 6 * 1 = 6 \end{array}$$

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

Ana Villatoro

$$\begin{array}{l|l} 2-8-40 & 2 \\ 1-4-20 & 2 \\ 1-2-10 & 5 \\ 1-1-5 & 1 \end{array} \quad \begin{array}{l} 40/2 = 20 \times 1 = 20 \\ 40/8 = 5 \times 1 = 5 \\ 40/40 = 1 \times 1 = 1 \end{array}$$

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

$$\begin{array}{l|l} 75-45-90 & 2 \\ 15-45-45 & 3 \\ 5-15-15 & 3 \\ 5-5-5 & 5 \\ - & -1 \end{array} \quad \begin{array}{l} 90/75 = 6 \times 3 = 76 \\ 90/45 = 2 \times 1 = 2 \\ 90/90 = 1 \times 1 = 1 \end{array}$$

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

Resta de los enteros $4-2=2$
Resta de los quebrados

$$\frac{71}{8} - \frac{51}{24} = \frac{21}{24} - \frac{5}{24} = \frac{16}{24} = \frac{8}{12}$$

Ana Villatoro

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

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

8) $12 \frac{2}{3} - 7 \frac{1}{4}$

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

$$\frac{2}{3} - \frac{1}{4} = \frac{22}{33} - \frac{3}{33} = \frac{19}{33}$$

$$\begin{array}{l|l} 3-11 & 3 \\ 1-11 & 11 \\ 1-1 & 33 \end{array} \quad \begin{array}{l} 33/3 = 11 \times 2 = 22 \\ 33/11 = 3 \times 1 = 3 \end{array}$$

$$\frac{5}{1} - \frac{19}{33}$$

Ana Vellatoro

4) $14 \frac{11}{45} - 5 \frac{7}{60}$

Resta de enteros $14 - 5 = 9$
 Resta de quebrados

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

$$45 - 60 = 2$$

$$45 - 30 = 2$$

$$45 - 15 = 3$$

$$15 - 5 = 3$$

$$5 - 5 = 0$$

$$180 / 45 = 4 \times 11 = 44$$

$$180 / 60 = 3 \times 7 = 21$$

$$9 \frac{23}{180}$$

5) $9 \frac{7}{6} - 7 \frac{2}{3}$ Resta de enteros $9 - 7 = 2$

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

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

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