

Tarea # 8

$$1. \frac{19}{21} - \frac{2}{21} - \frac{4}{21} - \frac{6}{21} = \frac{19-2-4-6}{21} = \frac{7}{21} = \frac{1}{3} \quad \text{R11} \quad \frac{1}{3}$$

$$2. \frac{13}{8} - \frac{5}{8} = \frac{5}{8} - \frac{1}{8} = \frac{13-5-1}{8} = \frac{7}{8} = \frac{1}{2} \quad \text{R11} \quad \frac{1}{2}$$

$$3. \frac{35}{84} - \frac{19}{84} - \frac{8}{84} = \frac{35-19-8}{84} = \frac{8}{84} = \frac{2}{21} \quad \text{R11} \quad \frac{2}{21}$$

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

$$\begin{array}{r|l} 2-6 & 2 \\ 1 & 3 \\ 1 & 1 \end{array} \quad \begin{array}{l} 6/2 = 3 \times 1 = 3 \\ 6/6 = 1 \times 1 = 1 \end{array} \quad 3-1 = \frac{2}{6} = \frac{1}{3} \quad \text{R11} \quad \frac{1}{3}$$

$$5. \frac{1}{2} - \frac{1}{8} - \frac{1}{40} = \frac{7}{20}$$

$$\begin{array}{r|l} 2-8-40 & 2 \\ 1 & 4 \\ 1 & 2 \\ 1 & 1 \\ 1 & 1 \end{array} \quad \begin{array}{l} 40/2 = 20 \times 1 = 20 \\ 40/8 = 5 \times 1 = 5 \\ 40/40 = 1 \times 1 = 1 \end{array} \quad \frac{20-5-1}{40} = \frac{14}{40} = \frac{7}{20} \quad \text{R11} \quad \frac{7}{20}$$

$$6. \quad \frac{3}{15} - \frac{1}{45} - \frac{1}{90} = \frac{1}{6}$$

15	-	45	-	90		2	$90/15 = 6 \times 3 = 18$	$18 - 2 - 1 = 15$	$= \frac{15}{90}$
15		45		45		3	$90/45 = 2 \times 1 = 2$	90	90
5		15		15		3	$90/90 = 1 \times 1 = 1$		
5		5		5		5			
1		1		1		90	$\frac{15^{C3}}{90} = \frac{5^{C5}}{30} = \frac{1}{6}$	R/	$\frac{1}{6}$

$$7. \quad 9 \frac{7}{8} - 2 \frac{5}{24} =$$

resta los enteros

$$9 - 2 = 7$$

resta de los quebrados

$$\frac{7}{8} - \frac{5}{24} =$$

8	-	24		2	$24/8 = 3 \times 7 = 21$	$21 - 5 = 16$	$= \frac{16}{24} = \frac{8^{C2}}{12} = \frac{4^{C2}}{6} = \frac{2}{3}$
4		12		2	$24/24 = 1 \times 5 = 5$	24	24
2		6		2			
1		3		3			
1		1		24	$7 \frac{2}{3}$	R/	$7 \frac{2}{3}$

$$8. \quad 12 \frac{2}{3} - 7 \frac{1}{11} =$$

restar los enteros

$$12 - 7 = 5$$

restar los quebrados

$$\frac{2}{3} - \frac{1}{11}$$

$$\frac{22}{33} - \frac{3}{33} = \frac{19}{33}$$

$$5 - 11 \overline{) 33}$$

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

$$22 - 3 = 19$$

$$1 \quad 11 \overline{) 11}$$

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

$$33 - 3 = 30$$

$$1 \quad 1 \overline{) 33}$$

$$9. \quad 14 \frac{11}{45} - 5 \frac{7}{60} =$$

resta de enteros

$$14 - 5 = 9$$

resta de quebrados

$$\frac{11}{45} - \frac{7}{60}$$

$$45 - 60 \overline{) 2}$$

$$45 \quad 30 \overline{) 2}$$

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

$$44 - 21 = 23$$

$$45 \quad 15 \overline{) 3}$$

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

$$180 \quad 180$$

$$15 \quad 5 \overline{) 3}$$

$$5 \quad 5 \overline{) 5}$$

$$7 \quad 23 \overline{) 180}$$

$$7 \quad 23 \overline{) 180}$$

$$1 \quad 1 \overline{) 180}$$

$$10. \quad 9 \frac{1}{6} - 7 \frac{2}{3} =$$

resta de enteros

$$9 - 7 = 2$$

resta de quebrados

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

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

R11

$$2 \frac{1}{2}$$

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