

Semana 08.-

Resta las siguientes fracciones.-

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

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

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

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

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

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

$$5. \frac{1}{2} - \frac{1}{8} - \frac{1}{40} = \frac{20}{40} - \frac{5}{40} - \frac{1}{40} = \frac{14}{40} = \frac{7}{20}$$

$$\begin{array}{r} 20 - 8 = 12 \\ 12 - 2 = 10 \\ 10 \div 2 = 5 \\ 5 \div 5 = 1 \end{array} \quad \begin{array}{r} 40 \div 2 = 20 \\ 20 \div 8 = 2.5 \\ 2.5 \times 2 = 5 \\ 5 \div 5 = 1 \end{array}$$

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

$$\begin{array}{r} 15 - 45 = -30 \\ -30 - 90 = -120 \\ -120 \div 3 = -40 \\ -40 \div 4 = -10 \\ -10 \div 5 = -2 \\ -2 \div 2 = -1 \end{array} \quad \begin{array}{r} 90 \div 15 = 6 \\ 6 \times 3 = 18 \\ 90 \div 45 = 2 \\ 2 \times 1 = 2 \\ 90 \div 90 = 1 \\ 1 \times 1 = 1 \end{array}$$

$$7. \frac{9}{18} - 2 \frac{5}{24} =$$

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

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

$$\frac{4}{6} = \frac{2}{3} \quad \checkmark 7 \frac{2}{3}$$

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

$$12 - 7 = 5$$

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

$$\begin{array}{r} 3 - 113 \\ 1 - 111 \\ 1 - 133 \end{array}$$

$$\begin{array}{l} 33 \div 3 = 11 \times 2 = 22 \\ 33 \div 11 = 3 \times 1 = 3 \end{array}$$

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

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

$$14 - 5 = 9$$

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

$$\begin{array}{r} 45 - 60 \div 2 \\ 45 - 30 \div 2 \end{array}$$

$$\begin{array}{r} 45 - 15 \mid 3 \\ 15 - 5 \mid 3 \\ 5 - 5 \mid 5 \\ 1 - 1 \mid 5 \end{array}$$

$$\begin{array}{l} 180/45 = 4 \times 11 = 44 \\ 180/60 = 3 \times 7 = 21 \end{array}$$

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

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

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

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

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