Tarea #6

1. $\frac{3}{17} + \frac{8}{17} + \frac{11}{17} + \frac{23}{17} = \frac{45}{17}$

$3 + 8 = 11 + 11 + 22 + 23 + = 45$

2. $\frac{18}{53} + \frac{32}{53} + \frac{40}{53} + \frac{1}{53} + \frac{16}{53} = \frac{107}{53}$

$$\begin{array}{r} 18 \\ 32 \\ 40 \\ 1 \\ +\ 16 \\ \hline 107 \end{array}$$

3. $\frac{5}{21} + \frac{10}{21} + \frac{23}{21} + \frac{4}{21} = \frac{43}{21}$

$$\begin{array}{r} 5 \\ 10 \\ 23 \\ 4 \\ \hline 43 \end{array}$$

4. $\frac{5}{24} + \frac{7}{24} + \frac{11}{24} + \frac{13}{24} + \frac{17}{24} = \frac{53}{24}$

$$\begin{array}{r} 5 \\ 7 \\ 11 \\ 13 \\ +17 \\ \hline 53 \end{array}$$

5. $\frac{3}{5} + \frac{7}{4} + \frac{11}{6} = \frac{233}{60}$

5	4	6	2
5	2	3	2
5	1	3	3
5	1	1	5
1	1	1	60

$60 / 5 = 6 \times 3 = 18$
$60 / 4 = 15 \times 7 = 105$
$60 / 6 = 10 \times 11 = 110$

$\frac{18 + 105 + 110}{60} = \frac{233}{60} =$

6. $\frac{9}{10} + \frac{8}{15} + \frac{13}{75} = \frac{241}{150}$

10	15	75	2
5	15	75	3
5	5	25	5
1	1	5	5
1	1	1	150

$150 / 10 = 15 \times 9 = 135$
$150 / 15 = 10 \times 8 = 80$
$150 / 75 = 2 \times 13 = 26$

$\frac{135 + 80 + 26}{150} = \frac{241}{150}$

7. $\frac{7}{5} + \frac{8}{15} + \frac{11}{60} = \frac{127}{60}$

5	15	60	2
5	15	30	2
5	15	15	3
5	5	5	5
1	1	1	60

$60 / 5 = 12 \times 7 = 84$
$60 / 15 = 4 \times 8 = 32$
$60 / 60 = 1 \times 11 = 11$

$\frac{84 + 32 + 11}{60} = \frac{127}{60}$

8. $12\frac{5}{6} + 13\frac{7}{9}$

Sumar los enteros $12 + 13 = 25$ enteros

$\frac{5}{6}^{9} + \frac{7}{9}^{6} = \frac{45}{54} + \frac{42}{54} = \boxed{26\ \frac{37}{50}}$ R//

$\frac{45+42}{50} = \frac{87}{50}$

$50\overline{)87}$ $1\ \frac{37}{50}$ $25 + 1 = 26$

$\frac{50}{37}$

9. $1\frac{1}{2} + 2\frac{1}{3} + 1\frac{1}{6}$

Sumar enteros $1+2+1 = 4$ enteros

$\frac{1}{2}^{3} + \frac{1}{3}^{2} + \frac{1}{6}^{1} = \frac{3}{6} + \frac{2}{6} + \frac{1}{6} = 5$ enteros.

$\frac{3+2+1}{6} = \frac{6}{6}$

$6\overline{)6}$ $4 + 1 = 5$

10. $\frac{1}{2} + \frac{1}{4} + \frac{1}{8} = \frac{7}{8}$

2	4	8	2
1	2	4	2
1	1	2	2
1	1	1	8

$8/2 = 4 \times 1 = 4$
$8/4 = 2 \times 1 = 2$
$8/8 = 1 \times 1 = 1$

$\frac{4+2+1}{8} = \frac{7}{8}$