**Solución** _____

* **Suma las siguientes fracciones y simplifica siempre que puedas:**

$\dfrac{4}{3} + \dfrac{5}{2} = \dfrac{8+15}{6} = \dfrac{23}{6}$
$\qquad$
$\dfrac{8}{7} + \dfrac{5}{3} = \dfrac{24+35}{21} = \dfrac{59}{21}$

$\dfrac{6}{2} + \dfrac{3}{4} = \dfrac{12+3}{4} = \dfrac{15}{4}$
$\qquad$
$\dfrac{4}{5} + \dfrac{5}{2} + \dfrac{6}{3} = \dfrac{24+75+60}{30} = \dfrac{159}{30}$

$\dfrac{1}{5} + \dfrac{2}{3} = \dfrac{3+10}{15} = \dfrac{13}{15}$
$\qquad$
$\dfrac{3}{6} + \dfrac{8}{3} + \dfrac{5}{2} = \dfrac{3+16+15}{6} = \overset{:2}{\dfrac{34}{6}} = \dfrac{17}{3}$

$\dfrac{7}{4} + \dfrac{3}{2} + \dfrac{6}{8} = \dfrac{14+12+6}{8} = \overset{:8}{\dfrac{32}{8}} = 4$
$\qquad$
$\dfrac{10}{6} + \dfrac{6}{3} = \dfrac{10+12}{6} = \overset{:2}{\dfrac{22}{6}} = \dfrac{11}{3}$

$\dfrac{14}{3} + \dfrac{10}{2} = \dfrac{28+30}{6} = \overset{:2}{\dfrac{58}{6}} = \dfrac{29}{3}$
$\qquad$
$\dfrac{12}{5} + \dfrac{7}{4} = \dfrac{48+35}{20} = \dfrac{83}{20}$

* **Resta las siguientes fracciones y simplifica siempre que puedas:**

$\dfrac{8}{3} - \dfrac{1}{5} = \dfrac{40-3}{15} = \dfrac{37}{15}$
$\qquad$
$\dfrac{9}{2} - \dfrac{4}{6} = \dfrac{27-4}{6} = \dfrac{23}{6}$

$\dfrac{10}{4} - \dfrac{7}{3} = \dfrac{30-28}{12} = \overset{:2}{\dfrac{2}{12}} = \dfrac{1}{6}$
$\qquad$
$\dfrac{8}{7} - \dfrac{2}{5} = \dfrac{40-14}{35} = \dfrac{26}{35}$

$\dfrac{4}{3} - \dfrac{9}{8} = \dfrac{32-27}{24} = \dfrac{5}{24}$
$\qquad$
$\dfrac{10}{5} - \dfrac{3}{4} = \dfrac{40-15}{20} = \overset{:5}{\dfrac{35}{20}} = \dfrac{7}{4}$

$\dfrac{10}{2} - \dfrac{4}{5} = \dfrac{50-8}{10} = \overset{:2}{\dfrac{42}{10}} = \dfrac{21}{5}$
$\qquad$
$\dfrac{26}{3} - \dfrac{17}{4} = \dfrac{104-51}{12} = \dfrac{53}{12}$

* *Calcula las siguientes operaciones y simplifica siempre que puedas:*

$$\frac{7}{4} + \frac{5}{6} = \frac{42+20}{24} = \frac{42}{24} \overset{:6}{=} \frac{7}{6}$$

$$\frac{12}{4} + \frac{3}{7} + \frac{1}{2} = \frac{84+12+14}{28} = \frac{110}{28} \overset{:2}{=} \frac{55}{14}$$

$$\frac{9}{6} + \frac{1}{3} = \frac{9+2}{6} = \frac{11}{6}$$

$$\frac{10}{3} + \frac{8}{6} - \frac{3}{2} = \frac{20+8-9}{6} = \frac{28-9}{6} = \frac{19}{6}$$

$$\frac{9}{6} - \frac{1}{2} = \frac{9-3}{6} = \frac{6}{6} \overset{:6}{=} 1$$

$$\frac{10}{7} + \frac{10}{3} = \frac{30+70}{21} = \frac{100}{21}$$

$$\frac{7}{2} + \frac{15}{4} + \frac{4}{5} = \frac{70+75+16}{20} = \frac{161}{20}$$

$$\frac{21}{6} - \frac{13}{5} + \frac{1}{3} = \frac{105-78+10}{30} = \frac{27+10}{30} = \frac{37}{30}$$

$$\frac{18}{7} - \frac{6}{3} = \frac{54-12}{21} = \frac{12}{21} \overset{:3}{=} \frac{4}{7}$$

$$\frac{8}{2} - \frac{1}{3} + \frac{3}{4} = \frac{48-4+9}{12} = \frac{44+9}{12} = \frac{53}{12}$$

$$\frac{13}{2} + \frac{8}{6} + \frac{9}{3} = \frac{39+8-18}{6} = \frac{47-18}{6} = \frac{29}{3}$$