

REPASO DE FRACCIONES

1. Indica cuáles de los siguientes pares de fracciones son equivalentes:

$$\frac{2}{5} = \frac{4}{10} \quad \frac{1}{2} = \frac{2}{4} \quad \frac{4}{3} = \frac{12}{9} \quad \frac{3}{8} = \frac{15}{40} \quad \frac{4}{7} = \frac{8}{13}$$

$$\frac{6}{7} = \frac{18}{21} \quad \frac{12}{20} = \frac{3}{2} \quad \frac{4}{21} = \frac{2}{7} \quad \frac{3}{5} = \frac{6}{8} \quad \frac{1}{8} = \frac{3}{18}$$

2. Selecciona las fracciones equivalentes a la primera fracción:

Fracciones equivalentes a $\frac{3}{2} = \rightarrow \frac{6}{4}, \frac{9}{8}, \frac{12}{8}, \frac{21}{14}, \frac{30}{22}$

Fracciones equivalentes a $\frac{5}{3} = \rightarrow \frac{10}{6}, \frac{20}{9}, \frac{25}{15}, \frac{40}{27}, \frac{45}{27}$

Fracciones equivalentes a $\frac{7}{2} = \rightarrow \frac{14}{3}, \frac{21}{6}, \frac{28}{12}, \frac{35}{10}, \frac{42}{15}$

3. Fracción equivalente con ampliación:

$$\frac{3}{2} = \frac{\boxed{}}{8} \quad \frac{6}{4} = \frac{\boxed{}}{12} \quad \frac{7}{2} = \frac{35}{\boxed{}} \quad \frac{5}{3} = \frac{\boxed{}}{33} \quad \frac{21}{14} = \frac{\boxed{}}{98}$$

4. Fracción equivalente por simplificación:

$$\frac{80}{32} = \frac{\boxed{}}{8} \quad \frac{6}{4} = \frac{\boxed{}}{2} \quad \frac{25}{10} = \frac{5}{\boxed{}} \quad \frac{63}{70} = \frac{\boxed{}}{10} \quad \frac{21}{15} = \frac{7}{\boxed{}}$$

5. Calcula la fracción irreducible:

➤ NIVEL FÁCIL

$$\frac{6}{2} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{10}{5} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{14}{7} = \frac{\boxed{}}{\boxed{}}$$

➤ NIVEL INTERMEDIO

$$\frac{12}{4} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{20}{10} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{25}{15} = \frac{\boxed{}}{\boxed{}}$$

➤ NIVEL DIFÍCIL

$$\frac{120}{48} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{60}{20} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{84}{24} = \frac{\boxed{}}{\boxed{}}$$

➤ NIVEL PRO

$$\frac{420}{900} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{256}{576} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{1680}{2940} = \frac{\boxed{}}{\boxed{}}$$

6. Reduce a común denominador y después realiza la operación:

$$\frac{5}{9} + \frac{6}{8} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{3}{4} + \frac{5}{6} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{3}{8} + \frac{2}{3} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{11}{10} + \frac{5}{4} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{4}{5} - \frac{3}{7} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{2}{9} + \frac{4}{15} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{8}{6} - \frac{2}{4} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{12}{16} + \frac{14}{16} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{4}{5} - \frac{2}{10} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{9}{12} - \frac{3}{8} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{18}{8} - \frac{3}{4} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{14}{16} - \frac{12}{15} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$