

EVALUACIÓN MENSUAL DE RAZONAMIENTO MATEMÁTICO

Hijo(a) del Rey: _____

Grado: _____ grado

Profesora: Cindya Condor Moreno

Fecha: 05/09/22

1. 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 $\frac{7}{2} = \Rightarrow \frac{14}{3}, \frac{21}{6}, \frac{28}{12}, \frac{35}{10}, \frac{42}{15}$

2. Realiza la fracción equivalente por ampliación:

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

3. Realiza la fracción equivalente por simplificación:

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

4. Realiza la suma de fracciones homogéneas.

$$\frac{6}{12} + \frac{3}{12} = \underline{\hspace{2cm}}$$

$$\frac{3}{7} + \frac{1}{7} = \underline{\hspace{2cm}}$$

$$\frac{5}{9} + \frac{2}{9} = \underline{\hspace{2cm}}$$

$$\frac{6}{12} + \frac{4}{12} = \underline{\hspace{2cm}}$$

$$\frac{5}{16} + \frac{9}{16} = \underline{\hspace{2cm}}$$

$$\frac{12}{14} + \frac{2}{14} = \underline{\hspace{2cm}}$$

5. Realiza la resta de fracciones homogéneas.

$$\frac{6}{8} - \frac{3}{8} = \underline{\hspace{2cm}}$$

$$\frac{12}{16} - \frac{10}{16} = \underline{\hspace{2cm}}$$

$$\frac{5}{12} - \frac{1}{12} = \underline{\hspace{2cm}}$$

$$\frac{4}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{7}{14} - \frac{3}{14} = \underline{\hspace{2cm}}$$

$$\frac{14}{18} - \frac{12}{18} = \underline{\hspace{2cm}}$$



6. realiza la suma y resta de fracciones heterogéneas y relaciona según corresponda:

$$\frac{2}{5} + \frac{1}{6} = \frac{\boxed{+}}{\boxed{}} = \frac{}{}$$

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

$$\frac{1}{6} + \frac{3}{4} = \frac{\boxed{+}}{\boxed{}} = \frac{}{}$$

$$\frac{5}{3} - \frac{1}{7} = \frac{\boxed{-}}{\boxed{}} = \frac{}{}$$

$$\frac{4}{6} + \frac{1}{7} = \frac{\boxed{+}}{\boxed{}} = \frac{}{} = \frac{}{}$$

$$\frac{7}{5} - \frac{1}{2} = \frac{\boxed{-}}{\boxed{}} = \frac{}{} = \frac{}{}$$

$$\frac{1}{10} + \frac{8}{5} = \frac{\boxed{+}}{\boxed{}} = \frac{}{}$$

$$\frac{5}{6} - \frac{1}{8} = \frac{\boxed{-}}{\boxed{}} = \frac{}{} = \frac{}{}$$

$$\frac{2}{7} + \frac{3}{5} = \frac{\boxed{+}}{\boxed{}} = \frac{}{}$$

$$\frac{7}{4} - \frac{2}{6} = \frac{\boxed{-}}{\boxed{}} = \frac{}{}$$

“SOY UN ESTUDIANTE ESFORZADO Y VALIENTE”