



COLEGIO AGUSTINIANO

EVALUACIÓN DE MATEMÁTICAS 4º



NOMBRE: _____

1.

Ayuda a cada impostor a buscar las dos fracciones equivalentes que hay en cada rectángulo.



$$\frac{2}{4}$$

$$\frac{4}{8}, \frac{5}{12}, \frac{8}{16}, \frac{6}{9}$$



$$\frac{3}{6}$$

$$\frac{4}{8}, \frac{9}{18}, \frac{27}{54}, \frac{1}{2}$$



$$\frac{2}{10}$$

$$\frac{4}{20}, \frac{9}{18}, \frac{27}{54}, \frac{8}{40}$$



$$\frac{7}{12}$$

$$\frac{10}{16}, \frac{14}{24}, \frac{15}{5}, \frac{28}{48}$$

2.

SIMPLIFICA LAS SIGUIENTES FRACCIONES

$$\frac{9}{21} = \frac{\square}{\square}$$

$$\frac{3}{21} = \frac{\square}{\square}$$

$$\frac{4}{6} = \frac{\square}{\square}$$

$$\frac{15}{21} = \frac{\square}{\square}$$

$$\frac{32}{36} = \frac{\square}{\square}$$

$$\frac{6}{15} = \frac{\square}{\square}$$

3. Amplifica las siguientes fracciones.

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

$$\frac{5}{6} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{6}{8} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{4}{9} = \frac{\boxed{}}{\boxed{}}$$

4.  Resuelve las sumas y restas de fracciones.

$$\frac{4}{3} + \frac{2}{7} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{4}{5} - \frac{5}{8} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{3}{4} + \frac{5}{9} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{7}{8} - \frac{2}{3} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

5. Resuelve las siguientes multiplicaciones y divisiones de fracciones.

$$\frac{3}{5} \times \frac{6}{8} = \boxed{}$$

$$\frac{4}{12} \div \frac{2}{6} = \boxed{}$$

$$\frac{4}{3} \times \frac{5}{9} = \boxed{}$$

$$\frac{10}{8} \div \frac{5}{2} = \boxed{}$$

$$\frac{5}{6} \times \frac{2}{6} = \boxed{}$$

$$\frac{15}{9} \div \frac{5}{3} = \boxed{}$$