



# COLEGIO AGUSTINIANO

## EVALUACIÓN DE MATEMÁTICAS 4°



**NOMBRE:** \_\_\_\_\_

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



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

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



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

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



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

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



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

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

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.

$$\frac{2}{3} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{5}{6} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{6}{8} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{4}{9} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

4. Resuelve las sumas y restas de fracciones.

$$\frac{4}{3} + \frac{2}{7} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} + \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{4}{5} - \frac{5}{8} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} - \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{3}{4} + \frac{5}{9} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} + \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

$$\frac{7}{8} - \frac{2}{3} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} - \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

5. Resuelve las siguientes multiplicaciones y divisiones de fracciones.

$$\frac{3}{5} \times \frac{6}{8} = \boxed{\phantom{000}}$$

$$\frac{4}{12} \div \frac{2}{6} = \boxed{\phantom{000}}$$

$$\frac{4}{3} \times \frac{5}{9} = \boxed{\phantom{000}}$$

$$\frac{10}{8} \div \frac{5}{2} = \boxed{\phantom{000}}$$

$$\frac{5}{6} \times \frac{2}{6} = \boxed{\phantom{000}}$$

$$\frac{15}{9} \div \frac{5}{3} = \boxed{\phantom{000}}$$