



Nombre: \_\_\_\_\_ Curso: \_\_\_\_\_

**Resuelve las siguientes operaciones y simplifica. Arrastra cada expresión a la casilla que corresponde a la operación indicada.**

$$\frac{3}{2x+4} + \frac{2x}{x^2-4} =$$

$$\frac{3x-1}{2x^2-6x}$$

$$\frac{3x-1}{x^2-9} \cdot \frac{x+3}{2x} =$$

$$\frac{x^2+y^2}{x^2-y^2}$$

$$\frac{x+1}{x^2-2} \div \frac{x^2+2}{x-1} =$$

$$\frac{2x+1}{x+2}$$

$$\frac{x+y}{x-y} - \frac{2xy}{x^2-y^2} =$$

$$\frac{x-1}{x+1}$$

$$\frac{x^2-3x+2}{x^2-x-2} =$$

$$\frac{7x}{x-3}$$

$$\frac{2x^2-3x+2}{x^2-4} =$$

$$\frac{x^2-1}{x^4-4}$$

$$\frac{2x}{x+3} + \frac{5x}{x-3} + \frac{12x}{x^2-9} =$$

$$\frac{x+2}{x-2}$$

$$\frac{x-y}{2x-2y} + \frac{x^2-y^2}{6x-6y} =$$

$$\frac{7x-6}{2x^2-8}$$

$$\frac{x^2-3x-10}{x^2-4x+4} \cdot \frac{x-2}{x-5} =$$

$$\frac{3+x+y}{6}$$