

Suma y Resta de Fracciones Algebraicas

Resuelve las siguientes operaciones

$$1) \frac{2}{x+4} + \frac{1}{x-3} = \frac{2(\quad)}{(\quad)(\quad)} + \frac{1(\quad)}{(\quad)(\quad)} = \frac{\quad}{(\quad)(\quad)}$$
$$= \frac{\quad}{(\quad)(\quad)}$$

$$2) \frac{x}{x-y} + \frac{x}{x+y} = \frac{x(\quad)}{(\quad)(\quad)} + \frac{x(\quad)}{(\quad)(\quad)}$$
$$= \frac{\quad + \quad - \quad}{(\quad)(\quad)} = \frac{\quad}{(\quad)(\quad)}$$

$$3) \frac{2}{x-5} + \frac{3x}{x^2-25} = \frac{2(\quad)}{(\quad)(\quad)} + \frac{3x(\quad)}{(\quad)(\quad)} =$$

$$\frac{\quad}{(\quad)(\quad)} = \frac{\quad}{(\quad)(\quad)}$$

$$4) \frac{1}{a-5} - \frac{a}{a^2-4a-5} = \frac{1(\quad)}{(\quad)(\quad)} - \frac{a(\quad)}{(\quad)(\quad)} =$$

$$\frac{\quad}{(\quad)(\quad)}$$

$$= \frac{\quad}{(\quad)(\quad)}$$

$$5) \frac{1}{x-x^2} - \frac{1}{x+x^2} = \frac{1(\quad)}{x(\quad)(\quad)} - \frac{1(\quad)}{x(\quad)(\quad)} = \frac{\quad}{x(\quad)(\quad)}$$

$$= \frac{\quad}{x(\quad)(\quad)} = \frac{\quad}{(\quad)(\quad)}$$

