

11. Resuelve las siguientes operaciones y simplifica

a) $\frac{3}{2x+4} + \frac{2x}{x^2-4} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

b) $\frac{3x-1}{x^2-9} \cdot \frac{x+2}{2x} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

c) $\frac{x+1}{x^2-2} : \frac{x^2+2}{x-1} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

d) $\frac{x^2-3x+2}{x^2-x-2} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

e) $\frac{2x^2-3x+2}{x^2-4} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

f) $\frac{2x}{x+3} + \frac{5x}{x-3} + \frac{12x}{x^2-9} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} =$
 $\underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

g) $\frac{x^2-3x-10}{x^2-4x+4} \cdot \frac{x-2}{x-5} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$