

M3EX176 SOLUCIONES

SOLUCIONES DE OPERACIONES CON FRACCIONES ALGEBRAICAS:

1.
$$\frac{1}{x} + \frac{2}{x} = \frac{3}{x}$$

2.
$$\frac{1}{x} + \frac{2}{3x} = \frac{5}{3x}$$

3.
$$\frac{1}{x-1} + \frac{2}{(x-1)^2} = \frac{3x-1}{(x-1)^2}$$

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

5.
$$\frac{3x}{x+1} + \frac{2x}{x-1} = \frac{5x^2-x}{(x+1)(x-1)}$$

6.
$$\frac{3}{x+1} + \frac{4}{x-1} + \frac{5}{x+1} = \frac{5x^2-x}{(x+1)(x-1)}$$

7.
$$\frac{1}{2} + \frac{2}{3} + \frac{3}{4} = \frac{23}{12}$$

8.
$$\frac{x}{2} + \frac{2x}{x-1} = \frac{x^2+3x}{2(x-1)}$$

9.
$$\frac{x-3}{2} + \frac{x+4}{4} = \frac{3x-2}{4}$$

10.
$$\frac{2}{x-1} - \frac{3}{x-2} = \frac{-x-1}{(x-1)(x-2)}$$