

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

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

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

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

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

6. $\frac{3}{x+1} + \frac{4}{x-1} + \frac{5}{x+1} =$

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

8. $\frac{x}{2} + \frac{2x}{x-1} =$

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

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

SOLUCIONES

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

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

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

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

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

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

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

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

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

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