$$\frac{3}{2x} + \frac{5}{6}$$

$$\frac{1}{3y} + \frac{2}{9y^2}$$

$$\frac{3}{4x^2} + \frac{5}{6x^3}$$

$$\frac{3}{8a^2}+\frac{5}{12a}$$

$$\frac{3}{(x+1)}+\frac{5}{(x+2)}$$

$$\frac{3}{4(x-3)} + \frac{5}{(x+4)}$$

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

$$\frac{3}{x^2 - 3x - 10} + \frac{5}{x^2 + 6x + 8}$$

$$\frac{3}{x^2+7x+12} + \frac{5}{x^2-x-20}$$