

Add

$$\frac{(x+5)(x+5)}{(x-6)(x+5)} + \frac{(x-6)(x-6)}{(x+5)(x-6)} \quad \swarrow \cdot 1$$

$$\frac{x^2 + 10x + 25}{(x-6)(x+5)} + \frac{x^2 - 12x + 36}{(x-6)(x+5)}$$

$$\frac{x^2 + 10x + 25}{(x-6)(x+5)} + \frac{x^2 - 12x + 36}{(x-6)(x+5)}$$

$$\frac{2x^2 - 2x + 61}{(x-6)(x+5)}$$