

1. $\int \frac{1}{(x-2) \cdot (x-3)} dx$

2. $\int \frac{2x+2}{x^2+3x-10} dx$

3. $\int \frac{1}{x^2+4x+6} dx$

4. $\int \frac{x+1}{x^2+x+1} dx$

5. $\int \frac{x^2+1}{(x+1)(x^2-1)} dx$