Evaluate the integrals

1. $\int \frac{-2x^2+19x-13}{(x-5)(x-1)^2}\,dx$

2. $\int \frac{20x+9}{25x^2+20x+4}\,dx$

3. $\int \frac{-5x+4}{x^2-x}\,dx$

4. $\int \frac{-2x^2+4x+14}{x^2-6x+5}\,dx$

5. $\int \frac{-7x-15}{x^2+6x+9}\,dx$

6. $\int \frac{-6x^2+3x+5}{x^3-x}\,dx$

7. $\int \frac{15x^2-11x-5}{x(x+1)(2x-5)}\,dx$

8. $\int \frac{x+26}{x^2+3x-10}\,dx$

9. $\int \frac{2x^2-9x-10}{x^2-5x}\,dx$

10. $\int \frac{3x+10}{x^2+9x+20}\,dx$

11. $\int \frac{-4x^4-2x^3-26x^2-8x-44}{(x+1)(x^2+3)^2}\,dx$

12. $\int \frac{2x^4+3x^3-8x^2-9x-10}{x(x^2+1)(x^2-5)}\,dx$

13. $\int \frac{3x^3-7x^2+8x-1}{x(x-1)^3}\,dx$

14. $\int \frac{-3x-23}{x^2-x-12}\,dx$