

1. $x^3 + 2x^2 - x - 2 \div (x + 2)$

2. $\frac{2x^3 - 5x^2 - 28x + 15}{x - 4}$

3. $3x^3 - 13x^2 - 34x + 24 \div (x - 6)$

4. $x^4 + 2x^3 + 2x^2 - 2x - 3 \div (x + 1)$

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

6. $x^3 + 15x^2 + 71x + 105 \div (x + 7)$

$$7. x^4 - 2x^2 - x + 7 \cdot (x - 7)^{-1}$$

$$8. \frac{2x^3 + 3x - 9}{x + 4}$$

$$9. x^5 - 2x^4 + 4x^3 - 8x^2 - 5x + 10 \div (x - 2)$$

$$10. x^6 - 3x^2 - 4x + 1 \div (x - 3)$$