

Long Division

Here are some long division exercises for you to try.

1. Divide $x^4 - 13x^2 + 42$ by $x^2 - 7$.
2. Divide $x^4 - 3x^2 + 2x - 1$ by $x - 2$.
3. Divide $x^4 + x^3 - 7x^2 + 17x - 12$ by $x^2 + 3x - 4$.
4. Divide $3x^7 + 2x - 4$ by $x - 1$.
5. Divide $2x^4 - 13x^3 + 13x^2 + 25x + 6$ by $x^2 - 3x - 1$.
6. Divide $x^6 - 7x^3 - 18x^2 + 3x^5 + 16x - x^4 - 3$ by $x^2 + 3x - 1$.
7. Divide $x^5 - 2x$ by $x + 3$.
8. Divide $x^4 - 4x + 7$ by $x^2 + 4x - 10$.
9. Divide $x^4 - 7x^2 - 4x^3 + 36x - 18$ by $x^2 - 4x + 2$.
10. Divide $x^4 + 18x^2 + 3x^3 - 10x + 3$ by $x^2 + 6x - 5$.
11. Divide $3x^4 + 18x^3 + 4x^2 - 7x - 4$ by $x^2 + 5x - 4$.