

## EXTRA LONG DIVISION PROBLEMS

Perform the following division problems.

1. 
$$\frac{x^3 - x^2 - x + 10}{x + 2}$$

2. 
$$\frac{2x^3 - 22x + 12}{x - 3}$$

3. 
$$\frac{x^4 + 10x^3 + 21x^2 - 13x + 30}{x + 6}$$

4. 
$$\frac{8x^3 + 26x^2 - 36x + 9}{4x - 3}$$

5. 
$$\frac{3x^5 - 10x^4 - 8x^3 - 7x^2 + 33x - 20}{x - 4}$$

6. 
$$\frac{4x^6 + 10x^5 + 8x^4 + 20x^3 - 10x^2 - 25x}{2x + 5}$$