Polynomial long division

Name _____ Date _____

1. $(x^3 + 4x^2 + x - 14) \div (x + 2) =$ _____

2. $(6x^3 + 3x^2 - 3x + 11) \div (2x + 3) =$ _____

3. $(x^3 - x^2 - 10x - 8) \div (x + 2) =$ _____

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

5. $(3x^3 - 3x^2 - 6x + 6) \div (x^2 - 2) =$ _____

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6. $(3x^3 + 6x^2 - 6x - 11) \div (x^2 - 2) =$ _____

7. $(4x^3 + 4x^2 - 7x - 7) \div (x + 1) =$ _____

8. $(2x^3 - 6x^2 + 4x - 12) \div (x^2 + 2) =$ _____

9. $(3x^3 - x^2 + 6x - 5) \div (x^2 + 2) =$ _____

10. $(8x^3 + 8x^2 - 4x + 7) \div (2x - 1) =$ _____