FUN MATH KIDS

Basic

Polynomial Long Division

Topic: Polynomial long division with quotient and remainder · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 12

Divide each polynomial. Write the quotient, and the remainder where there is one.

1. Divide: $(4x^2 + 16x + 12) \div (x + 3) =$ ____

2. Divide: $(4x^2 + 27x + 18) \div (x + 6) =$ ____

3. Divide: $(3x^2 + 8x + 4) \div (x + 2) =$ ____

4. Divide: $(x^2 + 5x + 4) \div (x + 4) =$ ____

5. Divide: $(2x^2 + 12x + 10) \div (x + 5) =$ ____

6. Divide: $(6x^2 + 29x + 20) \div (x + 4) =$ ____

7. Divide: $(2x^2 + 13x + 6) \div (x + 6) =$ ____

8. Divide: $(4x^2 + 11x + 6) \div (x + 2) =$ ____

9. Divide: $(2x^2 + 6x + 4) \div (x + 2) =$ ____

10. Divide: $(5x^2 + 12x + 4) \div (x + 2) =$ ____

11. Divide: $(4x^2 + 9x + 2) \div (x + 2) =$ ____

12. Divide: $(x^2 + 11x + 30) \div (x + 5) =$ ____