



Name

Score

Divide and show all steps.

$$(x^2 + 5x + 6) \div (x + 2)$$

$$(x^2 - 4x + 4) \div (x - 2)$$

$$(x^2 - 9) \div (x - 3)$$

$$(x^2 + 7x + 10) \div (x + 2)$$

$$(x^2 - 6x + 9) \div (x - 3)$$

$$(x^3 + 2x^2 - 5x + 6) \div (x + 1)$$

$$(2x^3 - 3x^2 + 4x - 5) \div (x - 2)$$

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

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

$$(2x^3 + 3x^2 - 4x + 5) \div (x + 2)$$



Divide and show all steps.

$$x + 3$$

$$x - 2$$

$$x + 3$$

$$x + 5$$

$$x - 3$$

$$(x^2 + x - 6) \text{ with a remainder of } 0$$

$$(2x^2 + x + 6) \text{ with a remainder of } 7$$

$$(x^2 - 6x + 13) \text{ with a remainder of } -20$$

$$(4x^2 - 2x - 1) \text{ with a remainder of } 2$$

$$(2x^2 - x - 2) \text{ with a remainder of } 1$$