

POLYNOMIAL LONG DIVISION I

Divide each expression using long division. Show your work.

1. $360 \div 5$

2. $1,234 \div 10$

3. $366 \div 11$

Polynomial Long Division: Divide each expression using long division. Show your work.

1. $(x^2 - 4x - 12) \div (x - 6)$

2. $(x^2 - 9x - 10) \div (x + 1)$

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

$$5. (6x^4 + 5x^3 - 19x^2 + 5x - 3) \div (x + 3)$$

$$4. (2x^3 - 3x^2 - 19x + 30) \div (x - 3)$$

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