

Name: _____

Date: _____

Writing Polynomials in Standard Form**Write each polynomial in standard form.**

1) $4x^2 - 2x^5 + 14 - 7x^4 =$

2) $(x + 5)(x - 2)$

3) $3x^2 + x + 12 - 5x^2 - 2x$

4) $2x^2 + 1x - 6x^3 =$

5) $8x^5 + 11x^3 - 6x^5 - 8x^2 =$

6) $9x^2 + x^4 + 12x^3 - 5x^4 =$

7) $(8x - 7)(3 + 2)$

8) $3 + 4x^3 - 3$

9) $2x(3x^2 - 4x^4 + 3) =$

10) $7x(6x^3 - x + 3)$



$$1) 4x^2 - 2x^5 + 14 - 7x^4 =$$
$$-2x^5 - 7x^4 + 4x^2 + 14$$

$$2) (x + 5)(x - 2)$$
$$x^2 + 3x - 10$$

$$3) 3x^2 + x + 12 - 5x^2 - 2x$$
$$-2x^2 - x + 12$$

$$4) 2x^2 + 1x - 6x^3 =$$
$$-6x^3 + 2x^2 + x$$

$$5) 8x^5 + 11x^3 - 6x^5 - 8x^2 =$$
$$2x^5 + 11x^3 - 8x^2$$

$$6) 9x^2 + x^4 + 12x^3 - 5x^4 =$$
$$-4x^4 + 12x^3 + 9x^2$$

$$7) (8x - 7)(3 + 2)$$
$$24x^2 - 5x - 14$$

$$8) 3 + 4x^3 - 3$$
$$4x^3$$

$$9) 2x(3x^2 - 4x^4 + 3) =$$
$$-8x^5 + 6x^3 + 6x$$

$$10) 7x(6x^3 - x + 3)$$
$$7x^4 - 7x^2 + 21x$$