

# WHO AM I?

## Classifying Polynomials

$7x^2y - 4xy$	$-3x^2 - 4x^{10}$
$-20x^{10}$	$x^4y^3 + 7x^2y^2 + 1$
$5x^3 + 12xy$	$10x^3y$
$2x^4y - 4x^3 + 5x$	$5xyz + 11x^2yz^3$
$3x^2 + x^5 - 10x$	$12x^3y^7 - 10x^2y + xy$

\_\_\_\_\_ (name)

## CLUES

1. I'm a monomial of degree 4.

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2. I am a trinomial of degree 5. My leading coefficient is 2.

\_\_\_\_\_

3. I am a binomial. My leading coefficient is -4.

\_\_\_\_\_

4. My degree is 10.

\_\_\_\_\_

5. I am a trinomial. I'm not in standard form.

\_\_\_\_\_

6. I am a binomial of degree 3. My leading coefficient is 7.

\_\_\_\_\_

7. My leading coefficient is 1.

\_\_\_\_\_

8. I'm a monomial. My degree is not 4.

\_\_\_\_\_

9. I'm in standard form. My leading coefficient is 5.

\_\_\_\_\_

10. My degree is 6.

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