



# Polynomials - Who am I?

Name \_\_\_\_\_

Score \_\_\_\_\_

CP:18

$a + c - b^2$	$11 + d$	$3a - 7$	$a^5bc^2d^5$
$c^2 - d$	$7ab$	$9b$	$-4b^3 + 11 - b^5$

Clues:

- 1) I am a trinomial with constant 11.

\_\_\_\_\_

- 2) I am a in standard form with leading coefficient is 3.

\_\_\_\_\_

- 3) I am a trinomial. My degree is not 5.

\_\_\_\_\_

- 4) My degree is 12.

\_\_\_\_\_

- 5) I am a monomial with degree 2.

\_\_\_\_\_

- 6) I am a binomial. I am in standard form.

\_\_\_\_\_

- 7) I am a monomial. My leading coefficient is 9.

\_\_\_\_\_

- 8) I am a binomial with degree one.

\_\_\_\_\_



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## Answer key

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$a + c - b^2$	$11 + d$	$3a - 7$	$a^5bc^2d^5$
$c^2 - d$	$7ab$	$9b$	$-4b^3 + 11 - b^5$

Clues:

- 1) I am a trinomial with constant 11.

$$\underline{-4b^3 + 11 - b^5}$$

- 2) I am a in standard form with leading coefficient is 3.

$$\underline{3a - 7}$$

- 3) I am a trinomial. My degree is not 5.

$$\underline{a + c - b^2}$$

- 4) My degree is 12.

$$\underline{a^5bc^2d^5}$$

- 5) I am a monomial with degree 2.

$$\underline{7ab}$$

- 6) I am a binomial. I am in standard form.

$$\underline{c^2 - d}$$

- 7) I am a monomial. My leading coefficient is 9.

$$\underline{9b}$$

- 8) I am a binomial with degree one.

$$\underline{11 + d}$$