



# Polynomials - Who am I?

Name \_\_\_\_\_

Score \_\_\_\_\_

CP:17

$6p - 11$	$8 - pq - pq^2r^2$	$6q + p^3$	$p^2 + 6$
$3q$	$2q^2 + q + 1$	$4p^5q^2r$	$-r^3 - 2r + r^5$

Clues:

1) I am a binomial. My degree is not 2.

\_\_\_\_\_

2) My degree is 9.

\_\_\_\_\_

3) I am a in standard form with leading coefficient is 6.

\_\_\_\_\_

4) I am a monomial. My degree is 8.

\_\_\_\_\_

5) I am a binomial with constant 6.

\_\_\_\_\_

6) I am a monomial with leading coefficient 3.

\_\_\_\_\_

7) I am a trinomial with degree 5.

\_\_\_\_\_

8) I am a trinomial. I am in standard form.

\_\_\_\_\_



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## Answer key

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Clues:

- 1) I am a binomial. My degree is not 2.

$$6q + p^3$$

- 2) My degree is 9.

$$-r^3 - 2r + r^5$$

- 3) I am a in standard form with leading coefficient is 6.

$$6p - 11$$

- 4) I am a monomial. My degree is 8.

$$4p^5q^2r$$

- 5) I am a binomial with constant 6.

$$p^2 + 6$$

- 6) I am a monomial with leading coefficient 3.

$$3q$$

- 7) I am a trinomial with degree 5.

$$8 - pq - pq^2r^2$$

- 8) I am a trinomial. I am in standard form.

$$2q^2 + q + 1$$