

Student Name: _____ Score: _____

Polynomials Trivia

1. What do you call a polynomial with three terms?

Answer: _____

2. How many terms are there in a binomial?

Answer: _____

3. Is $2x^2y$ a trinomial?

Answer: _____

4. The maximum sum of the indices in a polynomial is called _____ of a polynomial.

Answer: _____

5. What is the coefficient of xy in $3x^2 + 3y^2$?

Answer: _____

6. The degree of the product = _____ of the degrees of the polynomials.

Answer: _____

7. What is the degree of the constant term?

Answer: _____

8. Is \sqrt{x} a polynomial? Why or why not?

Answer: _____

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Answers:

1. What do you call a polynomial with three terms?

Answer: **Trinomial.**

2. How many terms are there in a binomial?

Answer: **2 terms.**

3. Is $2x^2y$ a trinomial?

Answer: **No, it is a monomial.**

4. The maximum sum of the indices in a polynomial is called _____ of a polynomial.

Answer: **Degree.**

5. What is the coefficient of xy in $3x^2 + 3y^2$?

Answer: **0.**

6. The degree of the product = _____ of the degree of the polynomials.

Answer: **Sum**

7. What is the degree of the constant term?

Answer: **Zero.**

8. Is \sqrt{x} a polynomial? Why or why not?

Answer: **No, degree is not a positive integer.**