



Polynomials

Name _____

Score _____

IP:28

Answer the following questions.

A) $x^3 + 2xy - x^3y^4 + 4y^2 - 5xy + 3$

1) What is the leading coefficient of the given polynomial? _____

2) What is the degree of the given polynomial? _____

3) Write the number of terms of the given polynomial. _____

4) What is the coefficient of y^2 in the given polynomial? _____

5) List out the pair of like terms for the given polynomial. _____

B) $-11 - 2p + 7p^5 + 3p - p^3 - 4p^2 + 5p^3 + p$

1) What is the degree of the given polynomial? _____

2) What is the coefficient of p^3 in the given polynomial? _____

3) Write down a pair of like terms for the given polynomial. _____

4) What is the leading coefficient of the given polynomial? _____

5) Write the number of terms of the given polynomial. _____



Polynomials

Answer key

Name _____

Score _____

IP:28

Answer the following questions.

A) $x^3 + 2xy - x^3y^4 + 4y^2 - 5xy + 3$

1) What is the leading coefficient of the given polynomial? -1

2) What is the degree of the given polynomial? 7

3) Write the number of terms of the given polynomial. 6

4) What is the coefficient of y^2 in the given polynomial? 4

5) List out the pair of like terms for the given polynomial. 2xy and -5xy

B) $-11 - 2p + 7p^5 + 3p - p^3 - 4p^2 + 5p^3 + p$

1) What is the degree of the given polynomial? 5

2) What is the coefficient of p^3 in the given polynomial? 5

3) Write down a pair of like terms for the given polynomial. -2p and 3p, -p³ and 5p³

4) What is the leading coefficient of the given polynomial? 7

5) Write the number of terms of the given polynomial. 8