



# Polynomials

Name \_\_\_\_\_

Score \_\_\_\_\_

IP:30

Answer the following questions.

A)  $8h - 2 - 11h^3 + 3h$

1) What is the coefficient of  $h^3$  in the given polynomial? \_\_\_\_\_

2) Write down a pair of like terms for the given polynomial. \_\_\_\_\_

3) What is the leading coefficient of the given polynomial? \_\_\_\_\_

4) Write the number of terms of the given polynomial. \_\_\_\_\_

5) What is the degree of the given polynomial? \_\_\_\_\_

B)  $mn + n + 5m - 9 - m - 2n$

1) List out the pair of like terms for the given polynomial. \_\_\_\_\_

2) What is the degree of the given polynomial? \_\_\_\_\_

3) What is the leading coefficient of the given polynomial? \_\_\_\_\_

4) Write the number of terms of the given polynomial. \_\_\_\_\_

5) What is the coefficient of  $m$  in the given polynomial? \_\_\_\_\_



# Polynomials

## Answer key

Name \_\_\_\_\_

Score \_\_\_\_\_

IP:30

Answer the following questions.

A)  $8h - 2 - 11h^3 + 3h$

1) What is the coefficient of  $h^3$  in the given polynomial?                     -11                    

2) Write down a pair of like terms for the given polynomial.                     8h and 3h                    

3) What is the leading coefficient of the given polynomial?                     -11                    

4) Write the number of terms of the given polynomial.                     4                    

5) What is the degree of the given polynomial?                     3                    

B)  $mn + n + 5m - 9 - m - 2n$

1) List out the pair of like terms for the given polynomial.                     n and -2n, 5m and -m                    

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

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

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

5) What is the coefficient of  $m$  in the given polynomial?                     5