

Name : _____

Analyzing Polynomials

Sheet 3

Answer the following questions.

1) $8pq - 4p - 9 + 11p - 17$

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

b) Evaluate the polynomial at $p = 3$ and $q = 4$. _____

c) What is the coefficient of p in the given polynomial? _____

d) What is the leading term of the given polynomial? _____

e) Identify the degree of the given polynomial. _____

2) $6tu - v^4 + 2u^3 - 7v^4 + 3$

a) Identify the degree of the given polynomial. _____

b) List down the terms of the given polynomial. _____

c) Evaluate the polynomial at $t = 0$, $u = 2$ and $v = -1$. _____

d) What is the coefficient of u^3 in the given polynomial? _____

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

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