

Name : \_\_\_\_\_

## Analyzing Polynomials

Sheet 4

Answer the following questions.

1)  $u^2 - 8uvw + 10v^4 + uvw - 19 + v + 2u^2 - 3$

a) Evaluate the polynomial at  $u = 0$ ,  $v = -2$  and  $w = 5$ .

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b) Identify the degree of the given polynomial.

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c) What is the lead

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d) What is the coe

e) List down the p

2)  $8 - a^3 - 3a + a^2 + 5a$

a) What is the lead

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b) What is the coe

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

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d) Identify the degree of the given polynomial.

\_\_\_\_\_

e) Evaluate the polynomial at  $a = -4$ .

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