

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

## Dividing Polynomials

Sheet 1

Divide by long division method.

1)  $(2b^5 + 5b^4 - 18b^3 + 2b^2 - 1) \div (b^3 + 4b^2 - b + 1)$

2)  $(p^4 + 6p^2 + 2) \div (p^2 + 5)$

3)  $(4x^5 - 6x^4 +$

4)  $(6v^6 + 2v^5 -$

5)  $(k^3 + k^2) \div ($

6)  $(4n^6 - 3n^5 - n^4 + 2n^3 - 8n^2 + 3n - 1) \div (n^2 - n + 2)$

7)  $(2m^2 + 5m - 18) \div (m + 4)$

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