

(C2-1.4a) Name:

### Homework Questions 4 – Finding the Remainder

Find the remainder by division when the following polynomials are divided by:-

a)  $x^2 - 4x + 5$  by  $(x - 1)$

2

b)  $2x^3 + 3x^2 - 3x + 2$  by  $(x + 2)$

4

c)  $2x^2 + 7x - 3$  by  $(2x - 1)$

1

d)  $x^3 - 2x^2 - 7x - 1$  by  $(x + 1)$

3