**7P2 Home Learning – Due 10/10/2013**

**Algebraic terms and expressions**

**1** Write down the values of each expression for the three values of *n*.

**a** 2*n* + 3 where **i** *n* = 3 **ii** *n* = 4 **iii** *n* = 5

**b** 4*n* – 1 where **i** *n* = 5 **ii** *n* = 6 **iii** *n* = 7

**c** 10 – 2*n* where **i** *n* = 4 **ii** *n* = 3 **iii** *n* = 1

**2** Write down the values of each expression for the three values of *n*.

**a** *n*2 – 3 where **i** *n* = 2 **ii** *n* = 3 **iii** *n* = 4

**b** *n*2 + 4 where **i** *n* = 5 **ii** *n* = 6 **iii** *n* = 7

**c** 2 + *n*2 where **i** *n* = 8 **ii** *n* = 9 **iii** *n* = 10

**3** Work out the value of the following expressions for the given values of *n*.

**a** (*n* + 5)(*n* – 4) where **i** *n* = 5 **ii** *n* = 10

**b** (*n* – 2)(*n* – 3) where **i** *n* = 2 **ii** *n* = 3

**c** (*n* – 1)2 where **i** *n* = 6 **ii** *n* = 12