

Expanding and Factorising
Year Ten Homework Sheet # 1, Term 3

/30

Name: _____ Due Date: _____

1. Expand the following:

a) $-7(5-3a) =$

b) $5xy(z-x) =$

c) $3m-4(2n-5p) =$

2. Expand and simplify

a) $2(x+4)+3(x-1) =$

b) $4a(a+5)-3a(2a-7) =$

c) $6a+8-3(3a-1) =$

d) $15-3(x-5)+3x =$

3. Expand and then collect like terms

a) $(x+2)(x+3) =$

b) $(y-5)(y+5) =$

c) $(2a-3b)(a+2b) =$

d) $(3x-2)(x-2) =$

e) $(g-4)^2 =$

f) $(x+4)(x+5)+(x-1)(x+8) =$

g) $(2x-3)(4x+1)(x+1) =$