



# Mathematics Homework

Block 3  
Multiples, Factors, Primes Level 4

1. remove the brackets

a)  $6(f+3)$

b)  $3(b-3)$

c)  $2(d+f)$

d)  $3(2a-3c)$

e)  $d(f+5)$

f)  $x(3x+2u)$

g)  $w(r-1)$

h)  $a(4e+p)$

2. rewrite without brackets

i)  $2(3b+4c+2)$

ii)  $6(2w+3y+2z)$

3. remove the brackets

a)  $-3(b+2)$

b)  $-(k+t)$

c)  $-d(4d+3s)$

4. multiply out and collect like terms

i)  $3(a+2)+3$

ii)  $3a+(a-1)$

iii)  $6(2-2h)+4(1+2h)$

5. factorise the following

a)  $4x+8$

b)  $9d-9t$

c)  $p^2-4p$

d)  $3c^2-9dc$