

1) Factor out as far as possible:

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

b)  $8t^2 - 4t = 4t(2t - 1)$

c)  $15ab + 5ac - 25ad = 5a(3b + c - 5d)$

d)  $12m^2n + 20mn^2 = 4mn(3m + 5n)$

e)  $3a(x - 2) - (x - 2) = (3a - 1)(x - 2)$