Factorising Quadratics, a>1

1:    Factorise the following:

a) $12u^2 + 5u - 3$ b) $50g^2 - 15g - 2$ c) $12w^2 - 20w + 3$ d) $6t^2 + 19t + 10$

_____   _____   _____   _____

e) $5r^2 - 29r - 6$ f) $5a^2 + 48a - 20$ g) $12m^2 + 32m + 5$ h) $18b^2 - 11b + 1$

_____   _____   _____   _____

i) $40n^2 - 3n - 1$ j) $8v^2 + 14v + 3$ k) $9y^2 - 46y + 5$ l) $7c^2 - 27c - 4$

_____   _____   _____   _____

1: a) $(4u + 3)(3u - 1)$ b) $(5g - 2)(10g + 1)$ c) $(6w - 1)(2w - 3)$

   d) $(3t + 2)(2t + 5)$ e) $(r - 6)(5r + 1)$ f) $(a + 10)(5a - 2)$

   g) $(2m + 5)(6m + 1)$ h) $(9b - 1)(2b - 1)$ i) $(5n - 1)(8n + 1)$

   j) $(2v + 3)(4v + 1)$ k) $(y - 5)(9y - 1)$ l) $(c - 4)(7c + 1)$