

Quadratic Factorisation

1. $8x^2 - 2x - 1$. $(2x - 1)(4x + 1)$
2. $6a^2 + 13a + 6$. $(2a + 3)(3a + 2)$
3. $10x^2 - 13x - 3$. $(2x - 3)(5x + 1)$
4. $7y^2 - 16y - 15$. $(y - 3)(7y + 5)$
5. $4\omega^2 - 25$. $(2\omega + 5)(2\omega - 5)$
6. $4t^2 + 16t + 15$. $(2t + 3)(2t + 5)$
7. $5n^2 - 30n$. $5n(n - 6)$
8. $12s^2 + 7s - 10$. $(3s - 2)(4s + 5)$
9. $20\theta^2 - 3\theta - 35$. $(4\theta + 5)(5\theta - 7)$
10. $18\alpha^2 - 55\alpha - 28$. $(2\alpha - 7)(9\alpha + 4)$
11. $14\kappa^2 + 5\kappa - 39$. $(2\kappa - 3)(7\kappa + 13)$