

Factor the following Type II General Quadratic Trinomials ($a \neq 1$), after factoring out the Greatest Common Factor, if any.

1. $6x^2 + x - 2$

2. $9y^2 + 5y - 4$

3. $6a^2 - a - 2$

4. $6c^3 - 11c^2 - 2c$

5. $6x^2y^2 + 4xy^2 - 2y^2$

6. $20x^2 - 42x - 20$

7. $20x^2 - 41x + 20$

8. $4p^2 - 30p + 50$

9. $8m^2 - 36m + 16$

10. $4x^2 - 17xy + 15y^2$

11. $6a^2 - 7ab - 5b^2$

12. $35x^2 - 6x - 8$