

Classify each type of polynomial, then factor out a GCF!

1. $6x^2 + 36$

2. $8a^4 + 2a + 6$

3. $9x + 10$

4. $9x^3 + 3x^2 - 18$

Factor each trinomial.

5. $x^2 + 8x + 15$

6. $M^2 - 3M - 18$

7. $b^2 + 22b + 120$

8. $G^2 - G - 20$

9. $x^2 - 2x - 48$

10. $X^2 - 13x + 36$

11. $m^2 - 20m + 100$

12. $X^2 + 7x - 60$