

Factoring Trinomials

In problems 1-16, factor each trinomial

1. $x^2 + 14x + 48$	2. $x^2 - 14x + 24$
3. $x^2 - 26x - 120$	4. $x^2 + 12x + 36$
5. $-x^2 + 4x + 60$	6. $2x^3 - 20x^2 + 32x$
7. $x^2 + 5xy - 24y^2$	8. $-2x^2 + 6x + 80$
9. $6x^2 + 11x - 10$	10. $8x^2 + 41x + 5$
11. $80x^2 - 24x + 1$	12. $36x^2 + x - 2$
13. $-8x^2 + 46x + 12$	14. $30x^2 + 7xy - y^2$
15. $8x^2 + 41xy + 5y^2$	16. $30x^{10} - 91x^9 + 3x^8$