

Section 5.4 Focus Exercises

Factor each trinomial by using the Factor Game to rewrite it as a four-term polynomial. Then use factor by grouping.

1. $4x^2 + 11x + 6$

2. $2x^2 - 9x + 9$

3. $10x^2 + 9x + 2$

4. $x^2 - 12x + 36$

5. $4x^2 + 16x + 7$

6. $6x^2 - 17x + 5$

7. $5x^2 - 18x + 9$

8. $12x^2 - 16x + 5$

9. $6x^2 + 7x - 5$

10. $8x^2 + 10x - 3$

11. $10x^2 + 3x - 4$

12. $15x^2 + 4x - 3$

13. $12x^2 - 4x - 5$

14. $6x^2 + 7x - 10$

15. $x^2 - 9x - 36$

16. $x^2 - 4x - 32$

17. $x^2 + 11x + 36$

18. $x^2 - 12x + 27$

19. $4x^2 + 12x + 9$

20. $3x^2 - 11x - 20$