

Chapter 8 Review #2

Factor each expression completely.

1. $g^2 - 5g - 14$

2. $2n^2 + 3n - 2$

3. $6k^2 - 10k + 4$

4. $6m^2 + 25m + 11$

5. $2g^2 - 35g + 17$

6. $3x^2 + 3x - 6$

7. $21p^2 - 70p + 49$

8. $-2k^2 + 4k + 70$

9. $10v^2 + 11v - 8$

10. $5h^2 + 15h + 10$

11. $5c^2 - 60c + 100$

12. $r^2 - 64$

13. $9z^2 - 16$

14. $25m^2 + 80m + 64$

15. $49n^2 - 4$

16. $32v^2 - 8$

17. $11b^3 - 6b^2 + 11b - 6$

18. $45z^3 + 20z^2 - 9z - 4$

19. $9a^3 - 12a^2 - 18a + 24$

20. A square end table has an area of $9n^2 + 54n + 81$. What expression represents the length of each side?