

Chapter 7B Quiz #1 Review – Answers

1. $5(7n^2 - 5)(3n + 5)$

2. $2(6n^2 + 7)(8n - 7)$

3. $(4v^2 - 3)(7v + 4)$

4. $(2v + 3)(2v - 3)(v - 3)$

5. $(a^2 + 3x)(5z - 4c)$

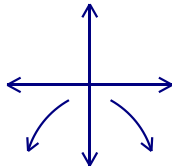
6. $(m^2 + 2)(2m - 1)$

7. $x = \frac{5}{2}, x = -3, x = 4$

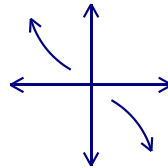
8. $x = \frac{1}{4}, x = -\frac{1}{4}, x = -2$

9. $x = \frac{7}{3}$

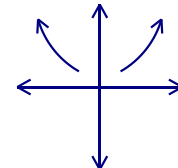
10. D: -28 LC: 8



11. D: 11 LC: -6



12. D: 14 LC: 9



13. $f(x) = -\frac{2}{3}(x+2)^2(x-5)^3$

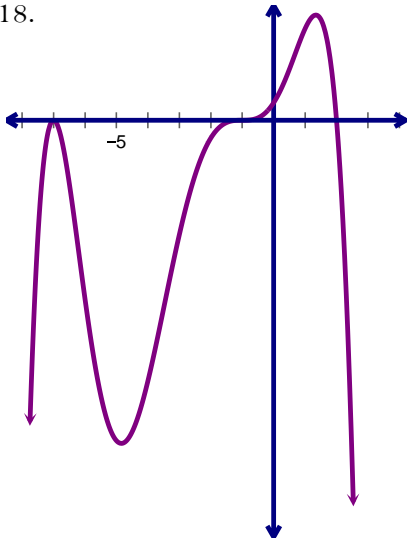
14. $g(x) = 4(2x-1)^2(x+2)(x-3)$
 $g(x) = 16x^4 - 28x^3 - 76x^2 + 92x - 24$

15. $h(x) = x^3(x+3)^2$
 $h(x) = x^5 + 6x^4 + 9x^3$

16. $f(x) = 5x^3(x-2)^5(x+8)$

17. $g(x) = -6(x-3)(2x-3)(x+1)$
 $g(x) = -12x^3 + 42x^2 - 54$

18.



19.

