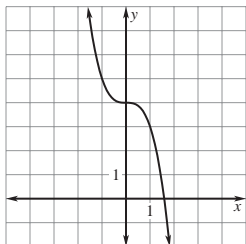


Answer Key

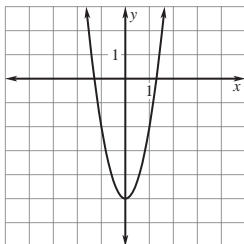
Practice C

1. 3 2. 15 3. 16 4. $\frac{35}{8}$ 5. -10
 6. $13 + 5\sqrt{2}$ 7. 0 8. 45 9. $-\frac{61}{3}$ 10. $\frac{103}{10}$
 11. $-\frac{9}{2}$ 12. $\frac{215}{27}$

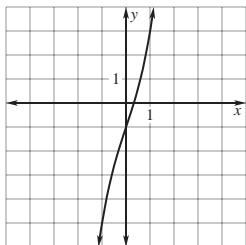
13.



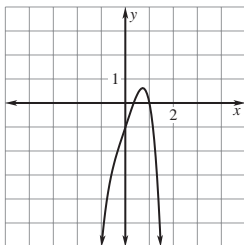
14.



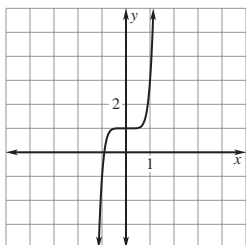
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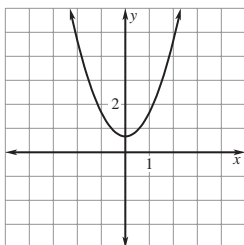
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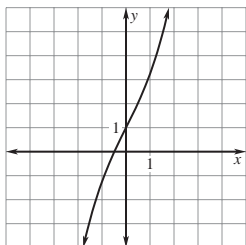
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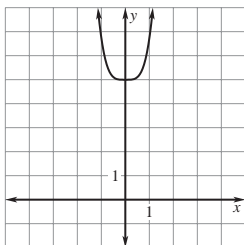
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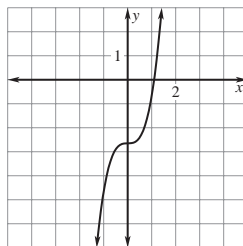
19.



20.



21.



22. Sample answer: $f(x) = 3x^4 + 2x - 1$

23. Sample answer: $f(x) = -2x^3 + 3x^2 + x + 5$

24. 20.48 years 25. older