

# Answer Key

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## Practice C

- $-x^3 - 3x^2 - 5x + 4$
- $-x^3 + 3x^2 - 2x - 3$
- $-5x^2 + 5x - 6$
- $3x^4 + 4x^2 - 6x + 5$
- $\frac{3}{2}x^2 + \frac{11}{3}x - 2$
- $x^2 - 5x - \frac{2}{3}$
- $-\frac{3}{10}x^3 + 3x^2 - 2x + 1$
- $-\frac{3}{8}x^2 + \frac{1}{6}x - 5$
- $6x^2 + 25x + 25$
- $5x^2 - 32x - 21$
- $24x^2 - 35x + 4$
- $x^3 - x^2 - x + 1$
- $2x^3 + 5x^2 - x - 4$
- $2x^3 + 5x^2 + x - 2$
- $2x^3 - x^2 - 7x - 3$
- $-x^4 - 6x^3 + 5x^2 + 18x - 6$
- $x^5 - 3x^4 - x^3 + 6x^2 - 12x + 9$
- $x^6 + x^5 - 2x^4 - 6x^3 + x^2 + 10x - 5$
- $2x^7 + 6x^6 - 3x^5 + 3x^4 + x$
- $36x^2 - 25$
- $\frac{1}{4}x^2 - 49$
- $\frac{16}{9}x^2 + \frac{40}{3}x + 25$
- $25x^2 - 20x + 4$
- $\frac{1}{9}x^2 - \frac{4}{9}x + \frac{4}{9}$
- $x^3 + 6x^2 + 12x + 8$
- $x^3 - 9x^2 + 27x - 27$
- $8x^3 + 12x^2 + 6x + 1$
- $27x^3 - 135x^2 + 225x - 125$
- $8x^3 + 36x^2y + 54xy^2 + 27y^3$
- $16x^2 - 9y^2$
- $36x^2 + 12xy + y^2$
- $x^2 - 8xy + 16y^2$
- $x^3 + 4x^2 + x - 6$
- $x^3 - 4x^2 - 11x + 30$
- $2x^3 + 9x^2 + 10x + 3$
- $4x^3 - 20x^2 + 31x - 15$
- $I = 814,536.25t^3 + 4,028,984.354t^2 + 17,858,746.41t + 560,699,692.4$