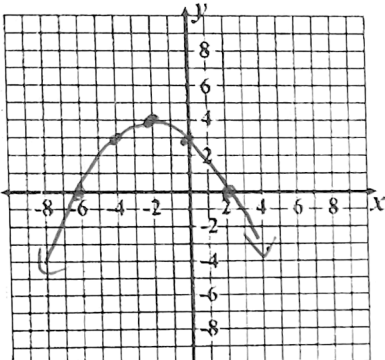
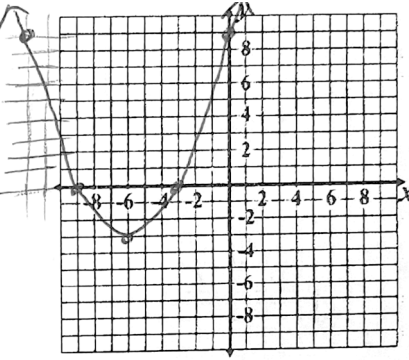
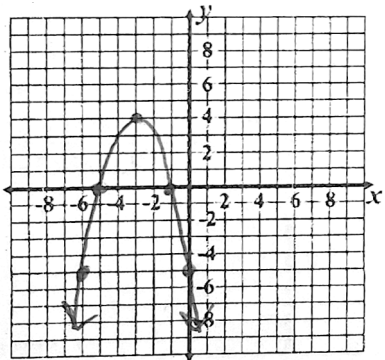
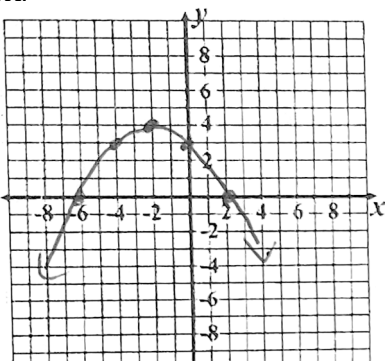
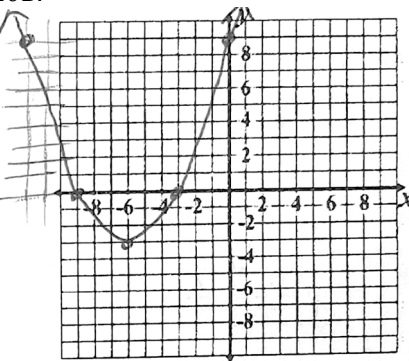


Unit 2 Study Guide Answers

1A. $-5x^3 + 2x^2 - 9x + 3$	1B. $9x^3 - x^2 + 7x - 15$	1C. $-13x^3 - 7x^2 + 4x + 8$
2A. $3x^3 - 5x^2 - 6x + 2$	2B. $-6x^3 + 45x^2 + 31x - 56$	2C. $4x^3 + 22x^2 - 13x - 6$
3A. $-x^2 + 4x - 9$	3B. $-5x^2 + 5x - 7$	3C. $-3x^2 + 5x + 2$
4A. $(8x + 5)(8x - 5)$	4B. $(6x + 1)(6x - 1)$	4C. $(3x + 4)(3x - 4)$
5A. $A. x = 36^{\frac{1}{5}}$	5B. $C. x = 25^{\frac{1}{7}}$	5C. $D. x = 8^{\frac{1}{3}}$
6A. (4, 5)	6B. (8, 4)	6C. (1, 2)
7A. (-4, 9) & (-1, 0)	7B. (-2, 7) & (6, 7)	7C. (-4, 1) & (-1, 10)
8A. a. (1, -2) b. minimum at $y = -2$ c. $x = 1$	8B. a. (-4, 1) b. maximum at $y = 1$ c. $x = -4$	8C. a. (2, -9) b. minimum at $y = -9$ c. $x = 2$
9A. D	9B. B & F	9C. E
10A. 	10B. 	10C. 

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