

MODULE 4 Adding and Subtracting Polynomials

LESSON 4-1

Practice and Problem Solving: A/B

1. binomial; degree 2
2. trinomial; degree 6
3. monomial; degree 4
4. none of the above
5. trinomial; degree 7
6. none of the above
7. $3n^4 + 6n^3 + 4n^2$
8. $-2c^3 - 2c$
9. $9b^2 + b - 9$
10. $-2a^4b^3 + 5a^3b^4$
11. $5x^2 + 15x - xy$
12. $p^2q + 13p^3 + 2p$
13. $5x^2 - 2x - 4$
14. $7x^3 - 6x^2 + 4$
15. 192 ft
16. $33b - 8$

LESSON 4.2

Practice and Problem Solving: A/B

1. $12g^2 + 4g - 1$
2. $7x^3 + 2x^2 + 6x$
3. $13b^2 + 5b + 7$
4. $-2c^3 + 3c^2 - 2c$
5. $4ab^2 + 20b - 3a$
6. $-13r^2 + 6pr + 7p$
7. $5y^2 + y + 12$
8. $6z^3 + 4z^2 + 5$
9. $9s^3 + 13s$
10. $21a^4 + 4a^2 + 2a$
11. $-3a^2b^3 - 2a^3b - 8ab$
12. $10p^4q^2 + 2p^3q - 3pq$
13. $16x - 2$

LESSON 4-3

Practice and Problem Solving: A/B

1. $3g^2 + 4g - 19$
2. $6x^3 + 3x^2$
3. $8b^2 + 4b - 3$
4. $10c^3 - 7c^2 + 4c$
5. $10ab^2 + 4b - 4a$
6. $3x^3 + 4x^2 + 6x$
7. $3y^2 - 9y + 4$
8. $2z^3 + 4z^2 + 11$
9. $7s^3 + s + 19$
10. $a^4 + 14a^2$
11. $-2(a^2)(b^3) + 2(a^3)b - 2ab$
12. $-2p^4q^2 + 10p^3q + 6$
13. $c^2 - 15c - 100$
14. $2x^3 - 22x^2$