

# Algebra I

## 11.1 Warm-Up

### Adding and Subtracting Polynomials

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ HOUR: \_\_\_\_\_

1. What does a “-“ sign before a parenthesis do to the terms inside the parentheses?

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**Rewrite each polynomial in standard form.**

2.  $2 - 8c + c^2$

3.  $10 + m^3$

4.  $5n^2 + 2n + 3n^4 - n$

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**Write the degree of each polynomial.**

5.  $125 - d^3$  \_\_\_\_\_

6.  $2s$  \_\_\_\_\_

7.  $9a^3 - a^2 + 3a^6 - a$  \_\_\_\_\_

**add**

8.  $3f^2 - f + 7f$  and  $2f^2 - 3f - 4$

9.  $6 + c$  and  $3c^3 + c^2 - 12c - 6$

over

**add**

10.  $4q + 2q^3 - 1$  and  $1 - 2q + 6q^2$

11.  $3y^3 - 3y^2 + 6y$  and  $2y^3 - 6y - 3$

**subtract**

12.  $(4m^2)$  from  $(3m^3 - 6m^2 + m - 1)$

13.  $(3n - 1)$  from  $(2n^2 - 1)$

14.  $10a^2 + 2a - 8 - (10a^2 + 8)$

15.  $7x^3 - 3x + 2 - (x^2 + 2)$

**Find the perimeter of the figure.**

