

Add & Subtract Polynomials with Perimeter Practice Worksheet

Name _____ Date _____

Simplify.

1. $(x^2 - 6x + 5) - (x^2 + x - 2)$

2. $(x + 1) + (5x^3 - x^2 + x - 4)$

3. $(7x^3 - 1) - (15x^3 + 4x^2 - x + 3)$

4. $(3w^2 - 2) - (w^2 + 4w + 3)$

5. $(4x^2 - 11x + 10) + (5x - 31)$

6. $(x^2 + x + 4) + (2x^2 - x + 1)$

7. $(10n - 3 + 7n^2) + (n^3 - 2n + 17)$

8. $(x^2 - x - 3) - (x^2 + 4x + 2)$

9. $(x+3) - (x^2 - 4x + 9)$

10. $(x^2 + 3x - 1) - (2x^2 - x + 3)$

11. $(2a^3 - 6a^2 + 4a) + (-5a^3 + 6a^2 - 10a)$

Find the perimeter of the rectangle with the given length and width.

12. $3x^2 + 6x - 10$ feet



If the perimeter of the pentagon below is $7x^4 + 9x^3 - 6x^2 + 10$ cm, what is the length of the missing side?

13.

