

Chapter 3 section 4

Simplify:

1) $-8xy^2 - 3xy^2 - 10xy^2$

2) $-7y^3 + 15y^3$

3) $-8 + 17n + 10 + 8n$

4) $-14x^3 + 16xy + 5x^3 + 8xy$

5) $-4(-4xy + 5y^3) + 6(-5xy - 9y^3)$

6) $-2n + 10 - (7n - 1)$

7) $10(8x^2y - 10xy^2) + 3(8xy^2 + 2x^2y)$

8) $8(10y^2 + 3x^3) - 5(-7y^2 - 7x^3)$

9) The width W of a rectangle is 8 feet shorter than its length L . Find the perimeter of the rectangle in terms of its length alone.