

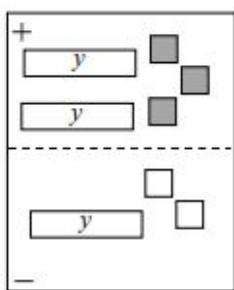
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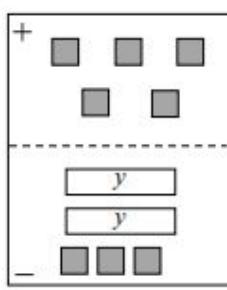
Chapter 2 Study Guide

Simplify the expressions below. Show all work.

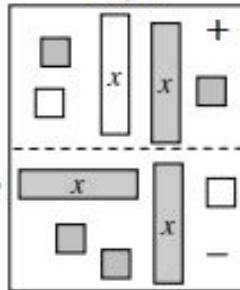
1)



2)

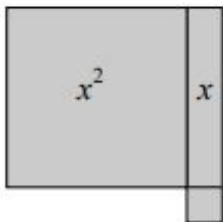


3)

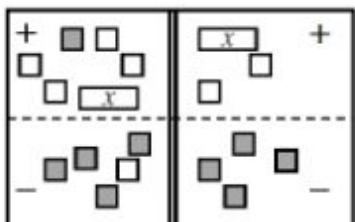


4) Simplify: $2x + 3xy + 2x^2 - 3x + 4x^2 - xy + x$

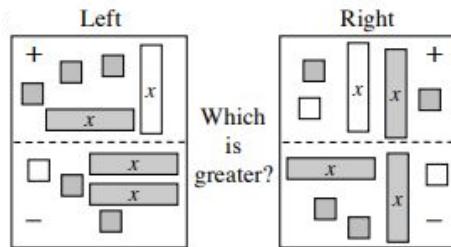
5) Find the perimeter of the shape below:



6) Write and solve an equation for x.



7) Simplify the expressions. Record each move.



Left	Right	Explanation

For each substitute then simplify.

$$8) \quad 3x - 2y + x - y \quad x = -2; y = 3$$

$$9) \quad 4x - 5y + x - 2y \quad x = 4; y = 5$$