Notes Perimeter with Algebra Tiles

8/26
Per 3

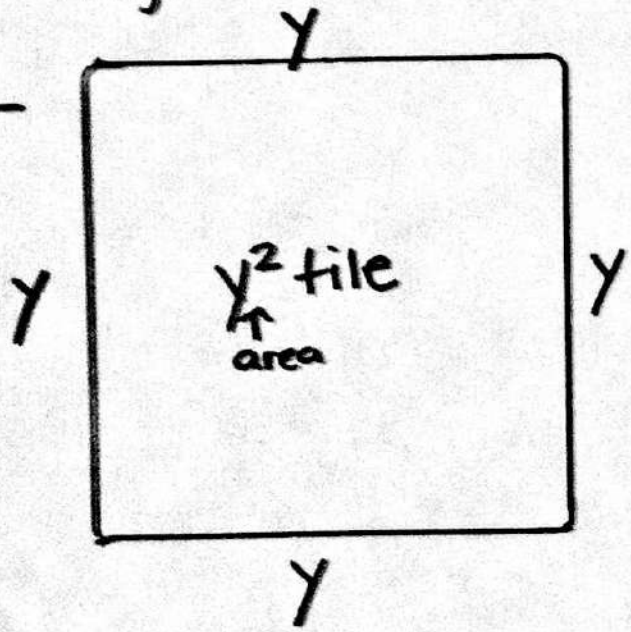
Perimeter: distance around the outside of a figure. (Add all sides.)

Term: single #, variable or product of several #'s and variables – separated by + (plus) or – (minus) sign. Ex: $4x^2 + 2x + y - 6$ Equation

Terms: $4x^2$, $2x$, y, -6

Perimeter Algebra Tiles

Ex 1

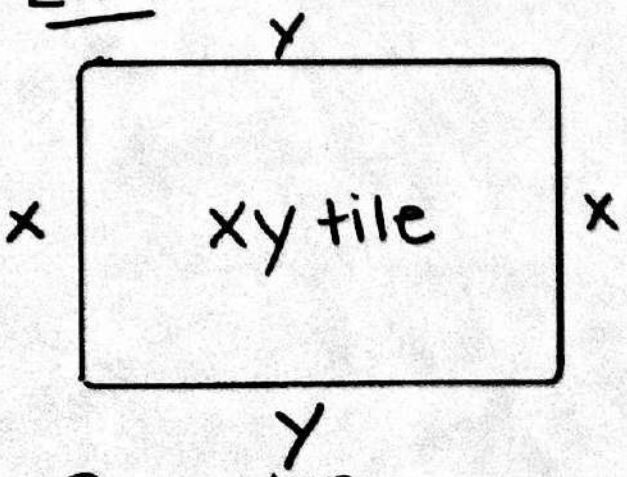


y is the length of the side

Perimeter: $y+y+y+y =$

$\rightarrow \boxed{4y}$

Ex 2

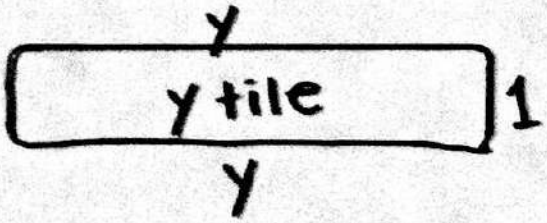


Perimeter:

$\underline{x} + \underline{y} + \underline{x} + \underline{y} =$

$2x + 2y$

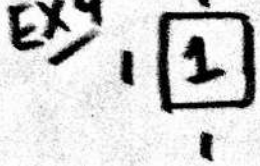
Ex 3



Perimeter: $1+y+1+y =$

$2y + 2$

Ex 4



Perimeter: $1+1+1+1 =$

4 units

CPM Course 3
2.1.2 CW: Simplifying with Variables

Name: Examples
Pd: 3 Date: 8/24

2-13. For each of the shapes formed by algebra tiles below:

a) On your paper, label the length of each segment of the shapes.

b) Simplify your perimeter expression as much as possible. This process of writing the expression more simply by collecting together the parts of the expression that are the same is called **combining like terms (same variable AND same exponent).**