Name _____ **Date** _____

5th Grade Math Study Guide For Lesson 5.5 (Using a Formula)

Objective: To use a formula to solve problems

Vocabulary:

Perimeter: Measures the distance around a figure. You simply add the length of an objects sides.

Textbook: Pp. 80-81

Background:

- A formula is a set of symbols that expresses a mathematical rule.
- You can use an equation with addition to find perimeter.
- You can use a formula to solve problems.

You can use a formula to find the perimeter. Use a different letter for each side of the figure.

$P = a + b + c$

$P = 10 + 10 + 12$ A triangle needs 3 letters.

$P = 32$

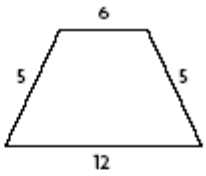
Practice:

Find the perimeter of the following figures.

1.

_____

2.



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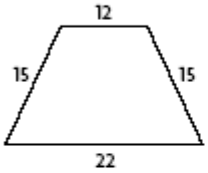
3.



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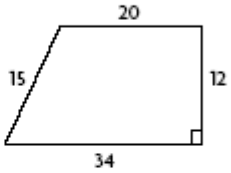
4.



_____

Use a formula to solve.

5. Jeff wants to build a rectangular fence in his yard for his dog. The yard is 35 feet by 40 feet. How much fencing must Jeff buy?

_____

_____

_____

6. Draw a square with each side measuring 8 units and find the perimeter.

_____

Assignment: Do P 80, #1-5 Quick Review; P. 81, #1-10 (all)