**Chapter 4 Homework & Classwork**

4.1.1: How can I use variables to determine length?

CW: problems 1-3

HW: problems 7-11

4.1.2: How many ways can I represent an expression?

CW: problems 12-14

HW: problems 16-20

4.1.3 part 1: How can I describe *any* figure?

CW: problems 21-25

HW: problems 34-38

4.1.3 part 2: How can I describe *any* figure?

CW: problems 26-30

HW: problems 39-43

4.2.1: How can I enlarge a shape?

CW: problems 44-45

HW: problems 47-51

4.2.2 How can I use ratios to enlarge and shrink figures?

CW: problems 52-54

HW: problems 58-62

4.2.3: How can I compare figures?

CW: problems 63-66

HW: problems 70-74

4.2.4: How else can I use ratios?

CW: problems 75-77

HW: problems 80-84

Chapter 4 Closure: What have I learned this chapter?

CW: problems 85-92

HW: None

**Chapter 4 Learning Targets**

6.4.1 I recognize the role of, and can use variables in mathematical equations.

6.4.2 I can use ratios to describe relationships between similar shapes and enlarge and reduce figures while keeping their shape.

6.4.M I can add and subtract mixed numbers.