Unit 2 Study Guide

Test Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Know that dilations can increase or decrease the size of a shape. (Lessons 1-5)
2. Know that dilations do not change the shape of the object. (Lessons 1-5)
3. Know that dilations do not change the measure of corresponding angles. (Lesson 7)
4. Know that dilations make similar figures. (Lesson 6)
5. Know that triangles are similar if two of their corresponding angles are equal. (Lesson 8)
6. Find slope of a line. (Lesson 10)
7. Decide if 2 shapes are similar. (Lesson 7)
8. Be able to describe a sequence of transformations that make two shapes similar (don’t forget to include a dilation) (Lesson 6)
9. Be able to find missing side lengths of triangles. (Lesson 9)
10. Write an equation for a line. (Lesson 12)
11. Find missing coordinates when using slope. (Lesson 11)
12. Know how to dilate shapes without a grid using a ray. (Lesson 3)