Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Geometry Period \_\_\_\_\_

# Geometer’s Sketchpad Angle Activity for Reasoning and Proof (Ch 2)

You will need to follow the directions below in geometer’s sketchpad. All of this should be completed on one document.

Vertical Angles Activity

1. Create 2 intersecting lines.
2. Measure a set of vertical angles.
3. Wiggle each line and find out what happens to the vertical angles.
4. Answer the question: What is always true about vertical angles?

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Linear Pair Activity

1. Create 2 intersecting lines.
2. Measure each angle in a linear pair.
3. Use the measure tab and select calculate to find the sum of the angles in the linear pair.
4. Wiggle each line and find out what happens to the sum of the angles.
5. Answer the question: What is always true about a linear pair?

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After you have completed the steps above, save the document in the folder listed below:

Stud. Common Drive mary.gruver Folder Classes folder Select Your Period Share Make sure you call it “Sketchpad Angle Activity” followed by your last name and your partner’s last name if you had one. Ex: SketchpadAnglesActivityGruverCarson