**Geometry Lesson 1-1 Objective: Students will explore constructions with a compass and straightedge and explore measurement tools.**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**GEOMETRY NOTES 1-1: Measurement and Distance**

**[1st] What letter is halfway**

**between A and U in the alphabet?**

**[2nd] What letter is three-fourths**

**of the way from A to U in the alphabet?**

**🡪What strategies can you use to find out?**

**[3rd] Which is closer to A, B C**

**B or C? . .**

**How can we know for sure?**

 **.**

 **A**

**[4th] Can you list at least three**

**different methods we can use**

**to know which is closer?**

**[5th] List at least two different**

**functions of a compass.**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

****

**[6th] Find the measure of each angle in degrees:**

**/ AOE**

**/ AOC**

**/ BOA**

**/ DOC**

**/ FOD**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**To the right is an expanded U V**

**image of a tape measure.**

**[7th] Into how many parts is**

**one inch divided on a tape**

**measure? How does this**

**affect the way we measure**

**in inches? \_\_\_\_\_\_\_\_\_\_\_\_\_**

 **W X**

**[8th] How long is** $\overbar{UV}$**?**

**[9th] How long is** $\overbar{WX}$**?**