

Math 372 Quiz 5 Total points: 10
Instructor: Yi Wang

Name(Print)_____ Section_____ Grade_____

1. Use the Exterior Angle Inequality to prove the following statement: the sum of the measures of any two angles of a triangle is less than 180.

2. In the following figure, D is the midpoint of \overline{AC} and \overline{BE} as well. Show that the angle sum of $\triangle ABC$ equals to the angle sum of $\triangle EBC$.

