

5.)

a.) Construct  $\overrightarrow{XY}$  and  $\overrightarrow{XZ}$  so they create a  $55^\circ$  angle. Name the angle in 2 different ways.

b.) Create  $\overrightarrow{XA}$  so that it is opposite of  $XY$ . Classify  $\angle YXA$ .

6.) Construct a triangle that has the interior angles of  $90^\circ$ ,  $45^\circ$  and  $45^\circ$ .

7.) Construct a triangle that has the interior angles of  $25^\circ$ ,  $75^\circ$  and  $80^\circ$ .

8.) Construct a quadrilateral that has the interior angles of  $60^\circ$ ,  $70^\circ$ ,  $85^\circ$  and  $145^\circ$ .