

Honors Geometry Ellipse Construction

Name:

Use the graph of the ellipse below.

1. Construct the foci (by constructing a hypotenuse equal to major radius).
2. Choose a point at random on the ellipse and label it P.
3. Construct a segment whose length equals the sum of the two focal radii (to point P).
4. Verify that this distance is equal to the major axis.

