Name:	Date:
Spheric	cal Trigonometry Day 1 Worksheet
<b>Directions:</b> Answer the following allowed Internet sites.	g questions. You may use Spherical Easel, your textbook, or
1. In your own words, what is the	e definition of a sphere?
2. What is the textbook definition	of a sphere?
<ul> <li>3. Circle the correct answer: All</li> <li>a) equidistant from a stationary periodic equidistant from the center of the content of t</li></ul>	the sphere
menu to create the antipode to this	be of the sphere using Spherical Easel. Use the construction is point. Name two special points on the Earth that are directly think of any other special points on other spherical surfaces?
<ul><li>5. Try to construct a "line" on the</li><li>6. Construct a great circle. What</li></ul>	e surface of the sphere and explore. What is this object? is the definition of a great circle?
7. Name examples of great circles	s on the Earth.
8. Do parallel great circles exist?	Why or why not?
<ul><li>9. Construct a two sided polygon figure is called a</li><li>a) wedge</li><li>b) slice</li><li>c) lune</li></ul>	on the sphere's surface by intersecting two great circles. This
10. Construct a spherical triangle triangles and spherical triangles?	. What are some properties that are different between planar
11. Describe at least two discover	ries that your group has made using the spherical easel.