

## Spherical / Hyperbolic?

1. Does Ax 1 make sense?  
▷ convince me with a pic. (or explanation) that Ax 1 c makes sense.
2. Do <sup>the</sup> segment and line defns make sense?  
▷ where do they not work on a sphere?
3. Does the order defn. and Ax 2 make sense?
4. Does Theorem 10 work?
5. How many parallels? (~~1~~ parallel to  $l$  through  $P$ )
6. Sum of angles in a triangle?
7. Circles w/ radius  $r$  &  $2r$   
How do circumferences relate?