

Your name: _____

Arvind Borde

AST 10: Homework 2

1. What is one system that's stable against gravitational collapse because of rotation and one system that's stable because of expansion?
2. What is "gravitational collapse" anyway?
3. Does an Sc galaxy have more or fewer spiral arms than an Sa?
4. As you go from E to S galaxies to do they get flatter or "rounder"?
5. Why do we think the MW has a flattened shape?
6. Why do we think the MW is spiral?