



Student Guide

Guided Response for Resolving Power

Name _____

1. How would you define Resolving Power?
2. How does aperture affect resolution?
3. If the goal is to separate 2 objects very close together (small angle of separation) which would be better: a big wavelength or a small?
4. What other factors can disturb the clarity of an image from a good, backyard telescope?
 - a. .
 - b. .
 - c. .
5. Suggest some ways of getting around this/these.
6. Which of the examples provided in the reading struck you as the best demonstration of improved resolving power?
7. Were there any images that you found particularly interesting?

