

Astronomical Size Worksheet

First look through the PowerPoint on astronomical size, then complete the questions below.

1. What is the size relationship of Jupiter compared to the earth (make the comparison with objects you know about, for example, a marble vs. a basketball)?

2. What is the size relationship of Jupiter to the Sun?

3. What is the size relationship of Earth to the Sun?

4. What is the size relationship of Earth to Pollux?

5. What is the size relationship of Jupiter to Arcturus?

6. What is the size relationship of our sun to Betelgeuse?

7. What is the size relationship of Arcturus to Anteras?

8. What was one observation you made about the relative size of earth in the universe?

9. How would you describe the size of our sun to others in the PowerPoint? What did you find anything interesting about the relative size of objects in the universe that you didn't know before?

10. In the space below, please draw a size comparison between two planets and two different stars, (you should have drawn 4 objects in your comparison).