

Section 1 Assessment



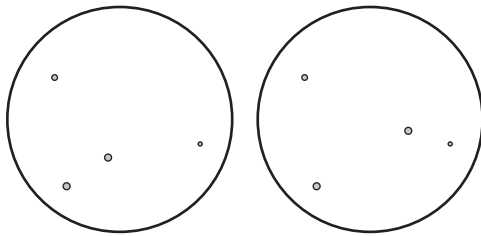
Vocabulary

Write the term on the line that describes each object.

- 1 Ceres is a rocky object with an orbit between Mars and Jupiter. _____
- 2 Hale-Bopp is made of ice and grows a tail when it passes near the Sun. _____

Planets in the Sky

The two maps show objects in the sky six months apart.



- 3 Which object is a planet? Circle it in both maps.
- 4 Explain how you knew that the object was a planet.

Scale Models

- 5 Jupiter has over sixty moons. The diameters of two of them are listed here.

Metis: 40 kilometers

Thebe: 100 kilometers

Use the metric ruler to draw scale models of Metis and Thebe. Draw them on the back of this paper. Use a scale of 1 millimeter equals 1 kilometer (1 mm = 1 km). (Hint: How many millimeters wide is Metis, using this scale?)