

Name \_\_\_\_\_

## **In Our Corner of Space**

Use with *ScienceFusion*  
pages 410–413.

### **Develop Vocabulary**

1. Write the definition using your own words.

solar system: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

planet: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### **Develop Concepts**

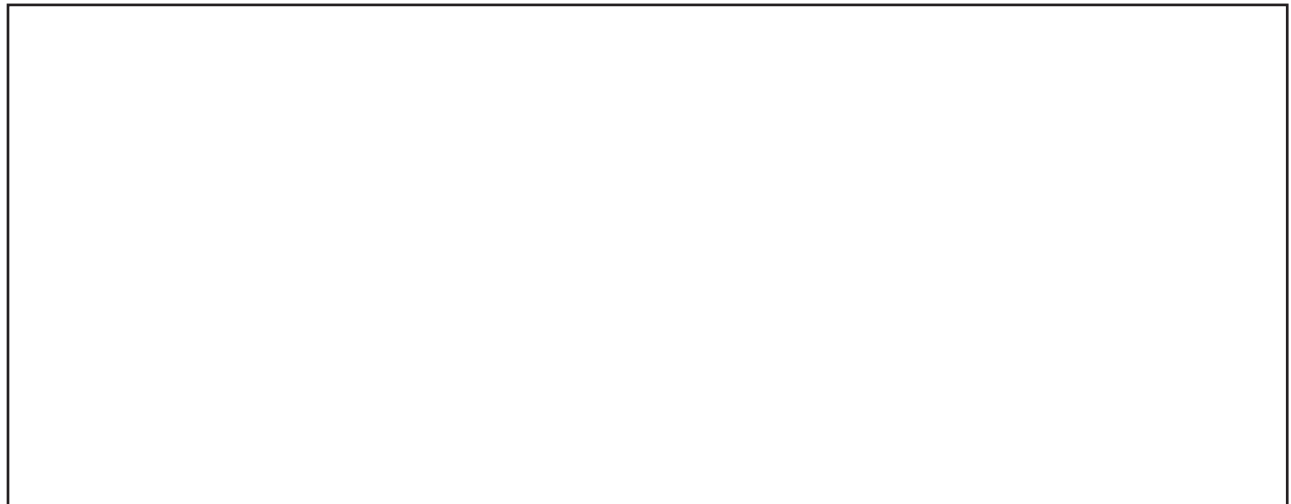
2. Which characteristics do astronomers use to classify the different bodies found in the solar system?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Draw the sun and planets. Make sure that they are in their correct positions in relation to the sun.



Do the Math!

4. Look at the table below that tells each planet’s distance from the sun, and use it to answer the questions.

Earth	150 million km	Mars	228 million km
Jupiter	778 million km	Mercury	58 million km

5. How much farther from the sun is Mars than Earth?

6. How much farther from the sun is Jupiter than Mercury?

7. List the planets in the table in order from the closest to the farthest from the sun. Which planet in the table is farthest from the sun?

8. Venus is 50 million km from Mercury. What is Venus's distance from the sun?

Summarize

9. Create a two-column chart and compare the different characteristics of inner and outer planets.

Inner Planets	Outer Planets