



## Reinforcement

## Planet Motion

**Directions:** Answer the following questions in complete sentences.

1. Explain the difference between heliocentric and geocentric models of the solar system.

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2. Explain how and why distance from the Sun affects the speed of a planet.

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3. Describe three different ways to classify planets in our solar system.

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4. Which planet has a longer year—Pluto or Neptune? Why?

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**Directions:** Answer the following questions.

List the order of the planets, starting from the planet closest to the Sun and moving outward.

5. \_\_\_\_\_ 6. \_\_\_\_\_ 7. \_\_\_\_\_

8. \_\_\_\_\_ 9. \_\_\_\_\_ 10. \_\_\_\_\_

11. \_\_\_\_\_ 12. \_\_\_\_\_ 13. \_\_\_\_\_

14. Name the inner planets. \_\_\_\_\_

15. Name the outer planets. \_\_\_\_\_

Name another star that has been found to have extrasolar planets.

16. \_\_\_\_\_