

Earth, Moon, and Sun ▪ 12.2 Review and Reinforce

Gravity and Motion

Understanding Main Ideas

Answer the following questions in the spaces provided.

1. How are gravity and weight related? _____

2. How does Newton's law of universal gravitation apply to Earth and the moon? _____

3. Use Newton's first law of motion to explain why a basketball rolls across the court. _____

4. How does distance affect the strength of the force of gravity? _____

Building Vocabulary

Write a brief description of each of the following.

5. force _____

6. gravity _____

7. law of universal gravitation _____

8. mass _____

9. weight _____

10. inertia _____

11. Newton's first law of motion _____
