

Reinforcement

Chapter 3

Effects of Gravity

Write answers to the following questions on the blank lines provided.

1. What is gravity? _____

2. What are two things that the amount of gravitational force between two objects depends on? _____

3. Why does Earth exert a stronger gravitational force than the moon? _____

4. If an object weighs 40 N on Earth would it weigh more than 40 N on the moon? Explain your answer. _____

5. If an object has a mass of 26 g on Earth, would its mass be less than 26 g on the moon? Explain your answer. _____

Circle the picture in each set below that shows the greater gravitational force between the two objects.

