

# What Is Gravity?

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If you jump up, what happens? You come back down. What makes that happen? It is a force called gravity.

Gravity pulls objects toward each other. Earth has gravity. The moon, the sun, and the other planets have gravity, too.

Big objects have stronger gravity than smaller ones. For example, the moon does not have as much gravity as Earth. If you walked on the moon, you would bounce high. But you would still come back down.

Gravity keeps you on Earth but it also adds fun to life. What pulls your sled down a hill or helps you bounce on a trampoline? Gravity!

Name: \_\_\_\_\_ Date: \_\_\_\_\_

For questions 1–4, please circle the correct answer.

1. What do we call the force that makes you come back down when you jump up?
  - A) weight
  - B) the moon
  - C) gravity
  
2. The text explains what gravity is. What does gravity do?
  - A) pull objects away from each other
  - B) pull objects toward each other
  - C) freeze objects
  
3. Big objects have stronger gravity than smaller ones. The moon does not have as much gravity as Earth. What does this information tell us about the moon?
  - A) The moon is bigger than the earth.
  - B) The earth and the moon are the same size.
  - C) The moon is smaller than the earth.
  
4. What is the main idea in “What Is Gravity?”
  - A) Big objects have stronger gravity than smaller ones.
  - B) Gravity is a force that pulls objects toward each other.
  - C) Gravity makes life fun!

5. What force helps you sled down a hill or bounce on a trampoline?

The force that helps you sled down a hill or bounce on a trampoline is

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6. Draw a person walking on the moon based on the text.



7. What did you learn from "What is Gravity"?

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8. **Class Discussion Question:** Use information from the text to explain why you bounce high when you walk on the moon but not on Earth.