

Gravity Throughout the Universe Review

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Understanding God's Design in Gravity

Name: _____

Date: _____

Answer the following questions based on the lesson about gravity.

1. Which planet has the strongest gravitational pull?

- A. Mars
- B. Earth
- C. Jupiter

2. Gravity depends on a planet's ____ and size.

3. How does your weight change on different planets? Explain why this happens.

4. Gravity is the same on all celestial bodies.

- True False

5. What is the method to calculate your weight on another planet?

- A. Add your Earth weight to 10
- B. Multiply your Earth weight by the planet's gravity factor
- C. Subtract your Earth weight from 5

6. Why might God design gravity to work differently on various planets?

7. In Colossians 1:17, it says, 'He is before all things, and in him all things ____ together.'

8. Understanding gravity helps us appreciate God's creation.

- True False

9. Which celestial body had the most dramatic weight change for you?

- A. Moon
- B. Venus
- C. Saturn

10. What surprised you most about gravity? Describe your thoughts.

Answer Key

1. Jupiter 2. mass 3. Your weight changes based on the gravitational pull of each planet. A planet with stronger gravity will make you weigh more, while one with weaker gravity will make you weigh less. 4. False 5. Multiply your Earth weight by the planet's gravity factor 6. God might design gravity differently to create unique environments on each planet, which can support different forms of life and ecosystems. 7. hold 8. True 9. Moon 10. I was surprised to learn how much my weight would change on different planets. It made me realize how important gravity is in keeping everything in place.