

Understanding Tides and the Moon

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5th Grade Science Review

Name: _____

Date: _____

Answer the following questions based on what you've learned about tides and the Moon.

1. What causes ocean tides?

- A. Wind
- B. Moon's gravity
- C. Sun's heat

2. Explain how the Moon's gravity affects the ocean's tides. What happens during high tide and low tide?

3. Tides occur approximately every ____ hours.

4. Tides only happen once a day.

- True False

5. What is one way tides may affect marine life?

- A. They help fish reproduce
- B. They change the temperature of the water
- C. They influence where animals can find food

6. Why might someone be curious about God's design in the natural world, especially regarding tides?

7. The gravitational pull of the Moon creates a ____ in the ocean.

8. High tide occurs when water is pulled away from the shore.

- True False

9. What is one talking point mentioned in the lesson about tides?

- A. Tides happen every hour
- B. The Moon pulls ocean water towards it
- C. The Sun creates all tides

10. What might you observe if you watched the ocean over a 24-hour period regarding tides?

Answer Key

1. Moon's gravity 2. 12.5 3. False 4. influence where animals can find food 5. God's design shows a complex system 6. bulge 7. False 8. The Moon pulls ocean water towards it 9. I would observe the water level rising and falling about twice. 10.