

## Tides Video and Questions

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

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

1. What is a tide?
  - A. an extreme pull from the gravity of the Sun
  - B. something that happens to the ocean every two days
  - C. a cyclical pattern of temperatures in seas and oceans
  - D. a continual rise and fall of the water in seas and oceans
  
2. What is the Moon's role in causing tides?
  - A. Its phases make the tides rise and fall.
  - B. Its gravity causes the water level on Earth to change.
  - C. Its inertia works with its craters to make tides.
  - D. It has no affect at all on Earth's tides.
  
3. Which of these is true about how often tides occur?
  - A. All tides occur once a week.
  - B. Tides have no pattern.
  - C. High tides and low tides occur twice a month, and spring tides and neap tides occur twice a year.
  - D. High tides and low tides occur twice a day, and neap tides and spring tides occur twice a month.
  
4. On which sides of the Earth do high tides occur?
  - A. the sides closest to and farthest away from the Moon
  - B. at the Equator and the Poles
  - C. only the sides that closest to the Moon
  - D. only the sides that are farthest away from the Moon
  
5. When the Moon and the Sun are on opposite sides of the Earth, they work together to form an extremely high tide. What is this tide called?
  - A. neap tide
  - B. sweep tide
  - C. spring tide
  - D. neat tide