

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

# Content Check

**Read and answer the questions below.**

1. What force causes the earth to move around the sun?
2. How does the mass of an object affect the force of gravity it puts on other objects?
3. What happens when one massive object is near a less massive object in space?
4. What happens when two large objects are near each other in space?

# Content Check

## Teacher Key

**1. What force causes the earth to move around the sun?**

Gravity.

**2. How does the mass of an object affect the force of gravity it puts on other objects?**

The greater the mass, the greater the pull.

**3. What happens when one massive object is near a less massive object in space?**

The less massive object circles around the more massive object.

**4. What happens when two large objects are near each other in space?**

Both objects circle each other but get pulled together in the center as they slow down.