Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student No. \_\_\_\_\_\_\_\_\_\_\_

**Blackline Master #1**

Checking for Understanding: Tides

Use the diagram below to answer questions 1 and 2.



\_\_\_ 1. Which Moon positions will create the smallest difference between high tide and low tide?

1. A or B
2. A or C
3. B or D
4. B or C

\_\_\_ 2. Spring Tides are the highest high tides and the lowest low tides. Which Moon positions above would create spring tides?

1. A or B
2. A or C
3. B or D
4. B or C

\_\_\_ 3. Why does the Moon have a greater tidal effect than the Sun?

1. The Moon has more mass than the Sun
2. The Moon rotates faster than the Sun
3. The Moon is a solid and the Sun in a gas
4. The Moon is closer to the Earth than the Sun

\_\_\_ 4. Which of the diagrams below most accurately represents the effects of the Moon on the Earth's tides?



Blackline Master #1 Key

Answer Key:

1. c
2. b
3. d
4. b