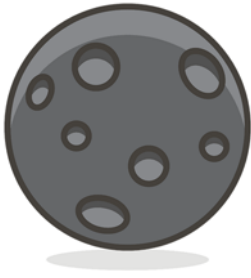


Name _____

Practical Application of Tide Knowledge



Seabreeze is a small coastal town where fishing and boating are a big part of daily life. Today, the Moon is full, and the Sun, Earth, and Moon are lined up in a straight line. The townspeople are noticing that the ocean water is rising higher than usual in the harbor, and later, it will fall much lower than they are used to seeing.

Answer the following in **2-3 sentences each**:

1. Based on the passage, which type of tide is Seabreeze experiencing today?

2. What clues from the passage helped you decide which tide it was?

3. How might this type of tide affect the town's fishermen or beachgoers?

New Scenario: Tomorrow, the Moon will be at its first quarter phase. The Sun and Moon will form a right angle with Earth. Predict what kind of tide Seabreeze will experience and describe the ocean level changes in your own words.
