

Name _____

Practical Application of Tide Knowledge Answer Key

Scenario Questions

1. Seabreeze is experiencing a **spring tide**.
2. The clues are that the Moon is full and the Sun, Earth, and Moon are in a straight line, which creates the strongest high and lowest low tides.
3. Fishermen might find it easier to leave the harbor at high tide, but low tide could make it harder to bring boats back in. Beachgoers may notice smaller beaches during high tide and much wider sand during low tide.

New Scenario

When the Moon is at its first quarter phase, Seabreeze will experience a **neap tide**. Ocean levels will still rise and fall, but the difference between high and low tides will be much smaller than during a spring tide.