

Name _____

Checking Facts About Tides Answer Key

1. T - Spring tides occur during a full moon.
2. F - Neap tides happen when the Sun, Earth, and Moon form a **right angle**, not a straight line.
3. F - High tide is the **highest point**, not the lowest.
4. T - Most places experience two high and two low tides daily.
5. T - Neap tides occur during the first and third quarter moons.
6. T - Spring tides cause the greatest difference between high and low tides.
7. F - The Sun also affects tides, though less strongly than the Moon.
8. T - Low tide is when the ocean level is at its lowest point.
9. T - Spring tides occur during both full and new moons.
10. T - Neap tides create the smallest difference between high and low tides.

Reflection (Sample Answer):

Living in a coastal town, high tide might affect me more because it could flood areas or cover beaches. It would decide when boats can go in and out of the harbor.