

Tides Review

Name _____ Class _____

SHORT ANSWER:

1. What causes tides?
2. What are the two types of tides that occur on the same day?
How often does each occur?
3. What are the two types of tides that occur during a month?
How are they similar?
How are they different?
4. What has the most gravitational effect on the Earth's oceans?

MATCHING:

- | | |
|--------------------|--|
| ___ 5. high tide | a. higher high tide and lower low tide caused by alignment of sun, earth, and moon (during full- and new-moon) |
| ___ 6. neap tide | b. lower high tide and higher low tide caused by alignment of sun, earth, and moon (during first- and last-quarter moon) |
| ___ 7. low tide | c. bulge in the ocean on the side facing the moon and on the opposite side |
| ___ 8. spring tide | d. lowest level of the ocean that occurs between the two high tides |

SKETCHES:

9. Spring Tide:

10. Neap Tide: