

1) Why do the Earth and the other planets orbit the Sun?

2) Why is Earth pulled into Sun's gravity?

3) Does the Moon have an effect on Earth? If so, how?

4) Define tides.

5) How many high tides in a 24-hour period? _____ How many low tides in 24-hour period?

6) Highest and lowest levels occur every _____ hours.

7) Tide are caused by:

8) When and why do high tides occur?

9) The 2 biggest factors that affect tides are _____ and _____.

10) If a high tide occurs at 10:00am, what time will high tide be the next day? Why?

11) When are the tides at its strongest? When are they the weakest?

Draw a diagram for both.

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