1) Summarize Newton’s Law of Universal Gravitation. What variables effect the force of gravity?

2) Calculate the force of gravity between a 70kg woman and a 90kg man standing 2m apart.

3) If there are gravitational forces acting between all bodies, why aren’t we pulled towards nearby buildings?

4) What causes the ocean tides on Earth?

5) The Sun’s gravitational pull on the Earth is 180 times stronger than the Moon’s pull. Why does the Sun not contribute more to tides on Earth?

6) What are Spring Tides? What are Neap Tides?