

NAME: \_\_\_\_\_

1. **Imagine an earthquake** of 7.7 magnitude happens in the middle of the Atlantic Ocean (marked by a **black star**) and a **tsunami is generated**. The speed of tsunami propagation is **500 km/hour**. **How soon will the tsunami reach the shores of:**

- a) Long Island?
- b) Portugal?
- c) Central Florida?
- d) Senegal?

**(Please clearly mark the above locations on the map first! And show your work!)**



2. On **December 15** (last class before winter break) we will play the **HEADBANZ GAME!** Please study! You need to **review Lectures ##1-11** to get the most fun of it!