

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) Florida?

c) Portugal?

d) Senegal?

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

