1. The Battleship *Wisconsin* is _____ feet _____ in. **This is equal to the length of approximately _____ football fields.** (**Note:** a football field length is 360 ft.)

2. The battleship can travel approximately 33 knots/hour. Convert knots to miles/hour with 1 knot equaling 1.15 miles/hour. **What is her speed in miles/hour?** _____.

3. The Battleship *Wisconsin* uses 1 gallon of Navy Distillate Fuel to travel 15 FEET! Knowing the answer from question one, **how many gallons of fuel are required to move her own length?**_____. **Find the distance from Norfolk Virginia to the Rock of Gibraltar _____. How many gallons of fuel is needed to make the voyage?** _____.

4. When the Battleship *Wisconsin* is light she displaces _____Long tons and when she is fully loaded she displaces _____Long tons. **What is the difference in the volume of water displacement when she is fully loaded compared to when she is light?** _____Long tons.

(**Note:** Displacement is the volume of water moved by the object (BB64) which would otherwise be occupied by water.)

info@nauticus.org

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5. The Battleship *Wisconsin* was built to house approximately 1,900 officers and men on board. **Research approximately how many men were on board during the following wars, calculate the difference between crew capacity and actual crew.**

- WWII _____ men on board = _____ over capacity
- Korean _____ men on board = _____ over capacity
- Gulf War _____ men on board = _____ under capacity

6. Draft is the vertical distance between the water line and the bottom of the hull (keel). This draft is an important number to know when navigating. The *Wisconsin* draft is _____ feet _____ inches when fully loaded. **Would she be able to navigate the following rivers?**

- Susquehanna River – Avg. Depth =_____   YES   NO
- Missouri River – Avg. Depth = _____   YES   NO
- Mississippi River – Avg. Depth = _____   YES   NO
- Colorado River – Avg. Depth = _____   YES   NO
- Rio Grande River – Avg. Depth = _____   YES   NO