

Overall Titanic Questions. RAT out in your journals... Use the experts in your group to help answer them.

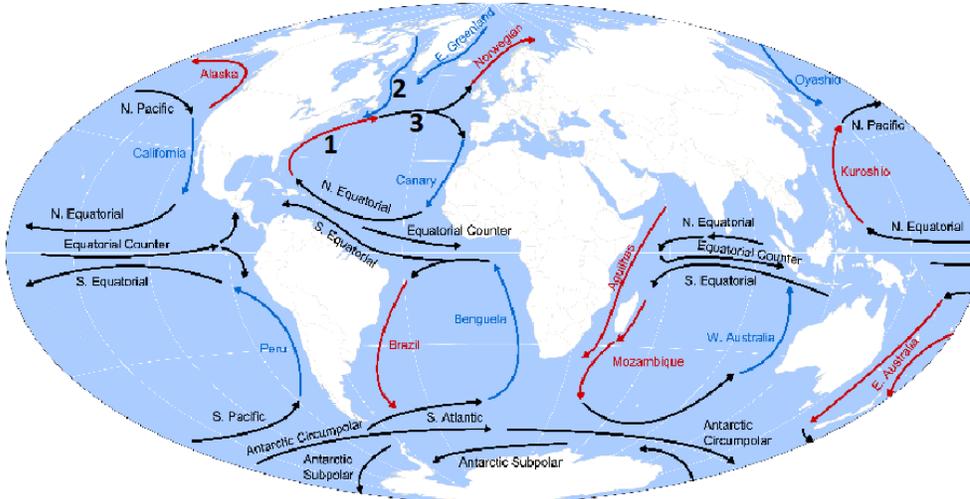
1. Why did the Titanic sink? Do NOT just say it “hit an iceberg”.

Be sure to cite your evidence to support your answer as to why it sank.

2. Explain how the engines on Titanic worked. What powered them? How did it propel the ship forward?

Compare those to cruise ships today by citing your evidence.

3. Using the Map below, What are names of the ocean currents labeled 1,2,3.



4. Which ocean current(s) keep England warm even though it is so far north of the equator?

ECredit: What are present day theories on Europe’s future climate? Will it change or not and why. Cite your evidence!

5. Why are the bodies gone, but some items such as their shoes, champagne bottles, and luggage still intact?

6. How many watertight compartments did Titanic have? If you were to design a watertight compartment, how might you design it comparing it to the Titanic’s.

7. What type of materials was Titanic made from? What type of materials are cruise ships made of today? How were the steel plating and bolts on the Titanic made? How does steel today compare?

8. Explain WHY the wreckage is spread out over a wide area of the ocean floor?

9. How long was the trip from England to America supposed to take? How many days was the Titanic afloat?

10. What Ocean did the Titanic sink in and explain the ocean bottom landforms in the area of the wreckage.

11. Name 3 forms of present day life that are “feeding” on the Titanic today. Describe each.

12. Explain Hypothermia and the role that it plays in the 4 stages of water immersion that the passengers experienced when the Titanic sank.

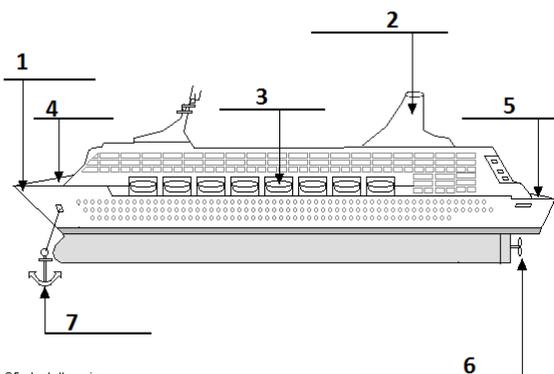
13. Why has *Titanic* become perhaps the most iconic shipwreck in the world despite numerous other tragic disasters throughout maritime history? Give 3 reasons and cite evidence to support your claims.

14. Why were there not enough lifeboats on the ship? What happened to the Titanic’s lifeboats that were retrieved with its passengers?

15. If ONE thing that night could have been changed to prevent Titanic from sinking, pick one and explain how the outcome would have been different.

16. What type of frozen water are icebergs made out of? Where do they come from and how are they formed?

17. Explain how the shape of an iceberg lead to the damage of the ship under the waterline instead of above the waterline?



18. How does any ship float? Explain the term buoyancy and what forces are applied. Be sure to include density, mass, shape, and water displacement.

19. What are the names of the parts of the boat that are numbered in the diagram to the right.

20. Why was the Titanic not raised? Why is it being left at the bottom of the ocean?