Year 6 Titanic Maths

The Titanic set sail on its famous journey at 12:00 noon on April 10, 1912.  The first stop was Cherbourg, France. After picking up passengers, the Titanic once again set sail at 8:10pm toward Queenstown, Ireland. With 2207 people on board this great vessel left Queenstown toward New York at 1:30pm on Thursday April 11, 1912.  The Titanic sailed on Friday April 12 and Saturday April 13 in clear weather.   On Sunday, April 14 at 11:40pm, the Titanic struck an iceberg. At 12:00am the captain was told that the Titanic would only stay afloat for a couple of hours. At 2:20am Monday April 15, 1912 the Titanic sank into the sea.

1.  How long was the Titanic at sail from the time it first set sail until it finally sank?

2.  There were 2207 passengers on board the Titanic at the time that it sank.   14 of the lifeboats held 65 passengers each, 2 were emergency cutters which held 40 people each and 4 were collapsible boards which held 47 people each.  How many people would all of these lifeboats hold?

3. When the Titanic left Queenstown, Ireland, it had 2207 people on board.  How many people would have been without a lifeboat if all the boats were filled to capacity?

4. Only 712 people survived the sinking of the Titanic.  How many more people could have been saved?

5.  How many more lifeboats were needed to save all people aboard the Titanic?

**You can use a calculator to complete these problems.**