

# TITANIC

# MATH



## Titanic: The Supplies

### The Supplies: The Numbers

14,000 Pounds	Water Used Daily	10,000	The Number of Light bulbs
75,000 Pounds	Fresh Meat on Board	44,000	The Pieces of Silverware
40 tons	The Potatoes	1,000	The Loaves of Bread
250 Barrels	The Flour	86,000	The Apples
10,000 Pounds	The Sugar	24,000	The Cups & Glasses
40,000	The Eggs	1,500 Gallons	The Milk
6,000 Pounds	The Butter	12,000	The Quarts of Ice Cream

Use the information above to help answer the questions.

- The Titanic was scheduled to arrive on April 17 after leaving on April 10. About how many pounds of meat did they have per day of the voyage?

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- Write a question that could be answered using the data above.



## Titanic: The People

### The People: The Numbers

2 Month	Age of Youngest on Board	107	The Children On Board
1,824	The Passengers on Board	864	The Men (Passengers)
2,223	The People on Board	447	The Women (Passengers)
3,547	The Capacity	\$4,850	Cost of 1st Class Suite (1912)
324	The First Class	800	Cost of 2nd Class (1912)
284	The Second Class	\$40	Cost of 3rd Class (1912)
704	The Third Class	\$100 million	Worth of the richest man on board

Use the information above to help answer the questions.

- The cost of the tickets would be about 4 times the amount if they were sold today. What would the cost of each ticket be today?  
1st Class \_\_\_\_\_ 2nd Class \_\_\_\_\_ 3rd Class \_\_\_\_\_
- What was the difference in capacity and the total number of people on board? \_\_\_\_\_
- How many workers were there on board? \_\_\_\_\_
- How much money did the ship make off of all of the third class tickets? \_\_\_\_\_
- There were 74 children in 3rd class. How many children were in 1st and 2nd class combined? \_\_\_\_\_
- Only 178 third class passengers survived the sinking. How many were lost in the disaster? \_\_\_\_\_
- About how many days old was the youngest passenger on board the Titanic (she survived)? \_\_\_\_\_
- Write one more question that could be answered using the data above.



## Titanic: The Ship

### The Ship: The Numbers

\$7,500,000	The Cost	4	The Number of Funnels
264 meters	The Length	3	The Functional Funnels
1912	The Year of the Voyage	2	The Number of Anchors
1985	The Year it was found	15 tons	The weight of the Anchors
840	The Number of Rooms	24	The Number of Boilers
1	The Number of Decks	3	The Build Time, in Years
23 knots	The Top Speed	3,000	People who built the ship

Use the information above to help answer the questions.

- How many years passed between the sinking of the ship and the year it was found?



## Titanic: The Sinking

### The Sinking: The Numbers

20	The Lifesboats	11:40	The Time of Collision
1,178	Capacity of Lifesboats	2:20	The Time of the Sinking
3,580	The Life Jackets	28 Degrees	The Temperature (°F) of the water
6	The Warnings to Titanic	711	People Who Were Saved
400 Miles	The Distance from Land	37	The Number of Seconds between when the iceberg saw the ice berg and the collision
60	The time it took from the collision to launch the first lifeboat	12,445	The depth of the ocean where Titanic sank, in feet.
4 days	Days into the voyage when the iceberg was about	15 Minutes	The Time it took to let the ocean floor

Use the information above to help answer the questions.

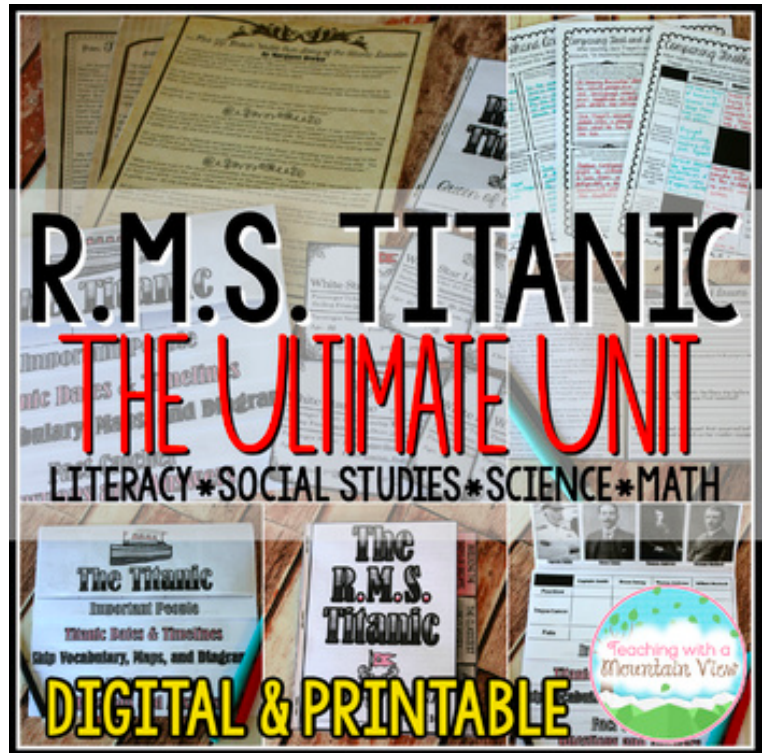
- About how many people could fit in each lifeboat? \_\_\_\_\_
- What was the elapsed time between the collision and the sinking? Write your answer two ways. \_\_\_\_\_
- What was the difference in the capacity of the lifeboats and the number of people who were saved? \_\_\_\_\_
- If there are 5,280 feet in a mile, how many feet was the Titanic from land? \_\_\_\_\_
- It took the crew about 10 minutes to launch a lifeboat. How long did it take to launch them all? \_\_\_\_\_
- There were 2,223 people on board the Titanic. How many lives were lost? \_\_\_\_\_
- When did the Titanic set sail if it sank in the early morning of April 15 (Remember, it struck the iceberg around 11:40 the night before)? \_\_\_\_\_
- Write one more question that could be answered using the data above.

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# Thank You For Downloading!

I love teaching about the Titanic, and this year I don't have as much time to devote to it. So, I created these quick pages for my students to work on. Yes, they will be practicing math, but more importantly, they get to learn some quick facts about the Titanic!

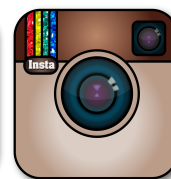
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# Titanic: The Ship

## The Ship: The Numbers

\$7,500,000	The Cost
269 meters	The Length
1912	The Year of the Voyage
1985	The Year it was found
840	The Number of Rooms
9	The Number of Decks
23 knots	The Top Speed

4	The Number of Funnels
3	The Functional Funnels
2	The Number of Anchors
15 tons	The weight of the Anchors
29	The Number of Boilers
3	The Build Time, in Years
3,000	People who built the ship

Use the information above to help answer the questions.

1. How many years passed between the sinking of the ship and the year it was found? \_\_\_\_\_
2. Each of the workers who built the ship was paid about \$4 per week. How much did The White Star Line, who built the ship, pay ALL the people who worked on it each week? \_\_\_\_\_
3. What year did they begin building the Titanic? \_\_\_\_\_
4. If the ship was at full capacity, and 5 people could be in each room at one time, how many people might be in all of the rooms at once (Note: This number will be more than the TRUE capacity)? \_\_\_\_\_
5. The ship was 53 meters high. What was the difference between the height and the length? \_\_\_\_\_
6. A football field is 360 feet long. The Titanic was 883 feet. About how many football fields long was the Titanic? \_\_\_\_\_
7. If the rooms were evenly split among the decks (which they were NOT), how many would be on each floor? \_\_\_\_\_
8. Write one more question that could be answered using the data above.



# Titanic: The Supplies

## The Supplies: The Numbers

14,000 Pounds	Water Used Daily
75,000 Pounds	Fresh Meat on Board
40 tons	The Potatoes
250 Barrels	The Flour
10,000 Pounds	The Sugar
40,000	The Eggs
6,000 Pounds	The Butter

10,000	The Number of Light bulbs
44,000	The Pieces of Silverware
1,000	The Loaves of Bread
36,000	The Apples
29,000	The Cups & Glasses
1,500 Gallons	The Milk
1,200	The Quarts of Ice Cream

Use the information above to help answer the questions.

1. The Titanic was scheduled to arrive on April 17 after leaving on April 10. About how many pounds of meat did they have per day of the voyage? \_\_\_\_\_
2. The Titanic had about half as many plates as they did pieces of silverware. About how many plates did they have? \_\_\_\_\_
3. There are approximately 3,000 potatoes in a ton. About how many potatoes were on board the Titanic? \_\_\_\_\_
4. If all of the loaves of bread were cut into 12 pieces, how many pieces of bread would there be? \_\_\_\_\_
5. The ice cream was served as dessert on the ship. Each person got half a pint of ice cream. How many half pints did they have on board? \_\_\_\_\_
6. A barrel of flour has about 200 pounds of flour in it. How many pounds of flour did the Titanic have on board? \_\_\_\_\_
7. List three different things water may have been used for, OTHER than for drinking. \_\_\_\_\_  
\_\_\_\_\_
8. Write one more question that could be answered using the data above. \_\_\_\_\_





# Titanic: The People

## The People: The Numbers

2 Months	Age of Youngest on Board
1,324	The Passengers on Board
2,223	The People on Board
3,547	The Capacity
324	The First Class
284	The Second Class
709	The Third Class

107	The Children On Board
869	The Men (Passengers)
447	The Women (Passengers)
\$4,350	Cost of 1st Class Suite (1912)
\$60	Cost of 2nd Class (1912)
\$40	Cost of 3rd Class (1912)
\$100 million	Worth of the richest man on board

Use the information above to help answer the questions.

- The cost of the tickets would be about 9 times the amount if they were sold today. What would the cost of each ticket be today?  
1<sup>st</sup> Class \_\_\_\_\_ 2<sup>nd</sup> Class \_\_\_\_\_ 3<sup>rd</sup> Class \_\_\_\_\_
- What was the difference in capacity and the total number of people on board? \_\_\_\_\_
- How many workers (NOT passengers) were there on board? \_\_\_\_\_
- How much money did the ship make off of all of the third class tickets? \_\_\_\_\_
- There were 79 children in 3<sup>rd</sup> class. How many children were in 1<sup>st</sup> and 2<sup>nd</sup> class combined? \_\_\_\_\_
- Only 178 third class passengers survived the sinking. How many were lost in the disaster? \_\_\_\_\_
- About how many days old was the youngest passenger on board the Titanic (she survived!)? \_\_\_\_\_
- Write one more question that could be answered using the data above.



# Titanic: The Sinking

## The Sinking: The Numbers

20	The Lifeboats	11:40	The Time of Collision
1,178	Total Capacity of Lifeboats	2:20	The Time of the Sinking
3,560	The Life Jackets	28 Degrees	The Temperature (F) of the water
6	The Warnings to Titanic	711	People Who Were Saved
400 Miles	The Distance from Land	37	The Number of Seconds between when the lookout saw the ice berg and the collision
60 Minutes	The time it took from the collision to launch the first lifeboat	12,415	The depth of the ocean where Titanic sank, in feet..
4 days	Days into the voyage when the iceberg was struck	15 Minutes	The Time it took to hit the ocean floor.

Use the information above to help answer the questions.

1. About how many people could fit in each lifeboat? \_\_\_\_\_
2. What was the elapsed time between the collision and the sinking? Write your answer two ways. \_\_\_\_\_
3. What was the difference in the capacity of the lifeboats and the number of people who were saved? \_\_\_\_\_
4. If there are 5,280 feet in a mile, how many feet was the Titanic from land? \_\_\_\_\_
5. It took the crew about 10 minutes to launch a lifeboat. How long did it take to launch them all (Note: In reality, there was more than one crew launching lifeboats, but it still took them 80 minutes to launch them all)? \_\_\_\_\_
6. There were 2,223 people on board the Titanic. How many lives were lost? \_\_\_\_\_
7. When did the Titanic set sail if it sank in the early morning of April 15 (Remember, it struck the iceberg around 11:40 the night before)? \_\_\_\_\_
8. Write one more question that could be answered using the data above.





# Titanic: The Answers

## The Sinking: The Answers

1. 59
2. 2 hrs. 40 min.  
160 min.
3. 467 people
4. 2,112,000 feet
5. 200 minutes
6. 1,512 people
7. April 10

## The Ship: The Answers

1. 73 years
2. \$12,000
3. 1909
4. 4,200 people
5. 216 meters
6. About 2.5
7. About 93

## The Supplies: The Answers

1. About 10,700
2. 22,000
3. 120,000
4. 12,000
5. 4,800 half pints
6. 50,000
7. Varies

## The People: The Answers

1. \$39,150 \$540 \$360
2. 1,324
3. 899
4. \$28,360
5. 28
6. 531
7. About 60 days