



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.

- 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 (Note: In reality, there was more than one crew launching lifeboats, but it still took them 80 minutes 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.



Titanic: The Ship

The Ship: The Numbers

\$7,500,000	The Cost	4	The Number of Funnels
269 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	29	The Number of Boilers
9	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.

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	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	36,000	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	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	107	The Children On Board
1,324	The Passengers on Board	864	The Men (Passengers)
2,223	The People on Board	447	The Women (Passengers)
3,547	The Capacity	\$4,350	Cost of 1st Class Suite (1912)
324	The First Class	\$60	Cost of 2nd Class (1912)
284	The Second Class	\$40	Cost of 3rd Class (1912)
709	The Third Class	\$100 million	Worth of the richest man on board

Use the information above to help answer the questions.

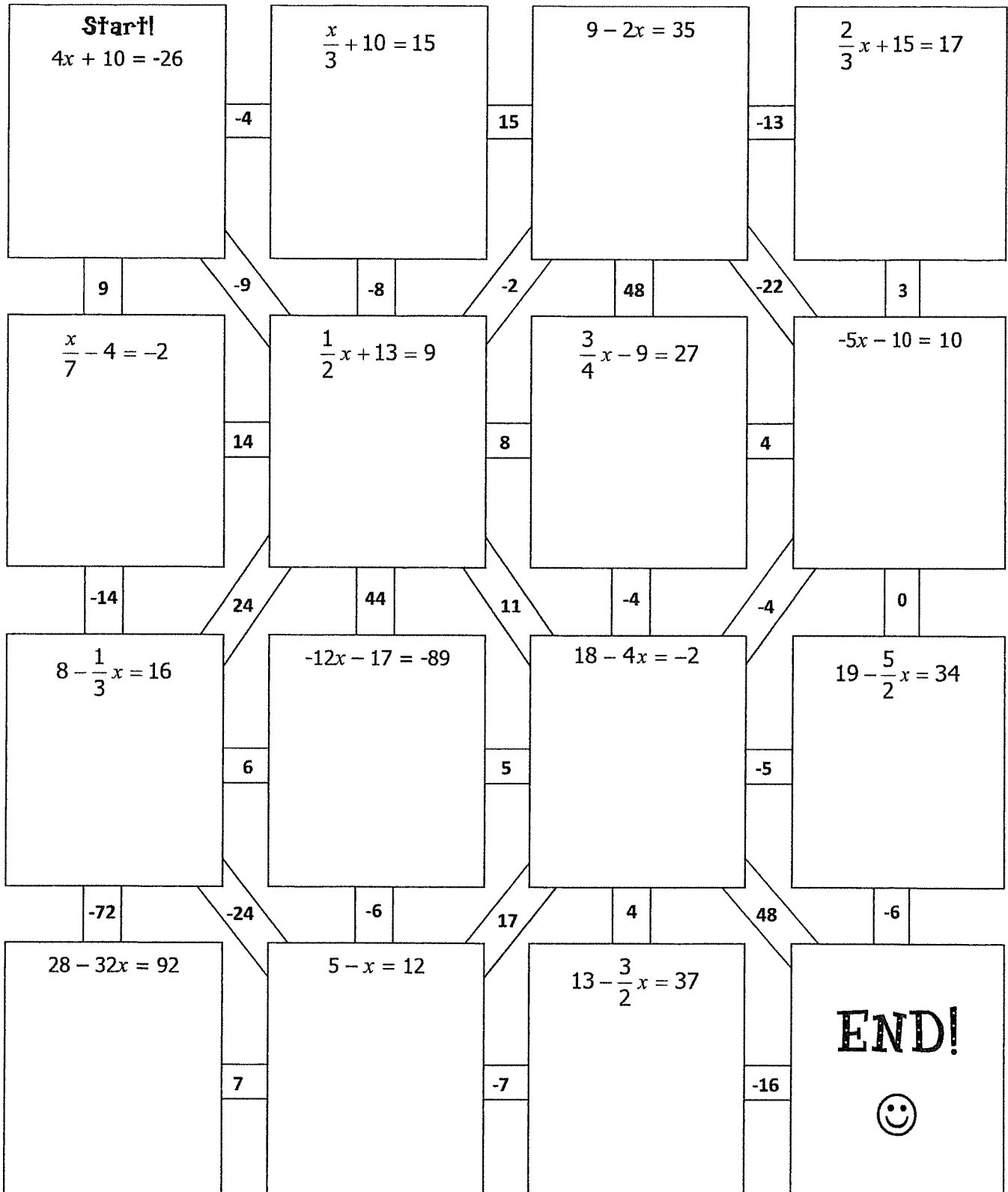
1. The cost of the tickets would be about 9 times the amount if they were sold today. What would the cost of each ticket be today?
1st Class _____ 2nd Class _____ 3rd Class _____
2. What was the difference in capacity and the total number of people on board? _____
3. How many workers (NOT passengers)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

Name:	Class:
Topic:	Date:

Main Ideas/Questions	Notes	
One-Step Equations	1. $m + 12 = 10$	2. $-2 = g - 9$
	3. $-7y = -91$	4. $\frac{a}{9} = -4$
Fractions *To "get rid" of a fraction, multiply by the _____!	5. $\frac{2}{3}x = 10$	6. $\frac{4}{9}w = -8$
	7. $-\frac{6}{5}k = 12$	8. $-\frac{1}{2}m = -9$
Two-Step Equations	To Solve a Two-Step Equation: 1. Undo the Addition/Subtraction (to remove constant term) 2. Undo the Multiplication/Division (to remove coefficient)	
	9. $6x + 8 = 50$	10. $2x - 5 = 11$
	11. $13 = -4x + 9$	12. $7 - 3x = 34$
	13. $\frac{x}{2} - 7 = 9$	14. $11 = \frac{x}{-5} + 8$
	15. $\frac{3}{5}x + 22 = 28$	16. $-\frac{1}{3}x + 1 = -7$

Two-step eQuATION MAZE!

Directions: Use your solutions to navigate through the puzzle. **SHOW ALL STEPS!!!!**



Solve the one-step equation.

57. $19 + j = -34$

58. $m - 26 = 13$

59. $\frac{x}{5} = -3$

60. $12f = 216$

61. $g - (-3) = -7$

62. $\frac{h}{9} = 13$

63. $b + (-3) = -9$

64. $-4w = -280$

Solve the two-step equation.

65. $5m - 3 = 27$

66. $7 + \frac{y}{2} = -3$

67. $4 + 3r = -8$

68. $\frac{1}{2}p - 4 = 7$

69. $\frac{k+8}{3} = -2$

70. $\frac{f}{5} - (-13) = 12$

71. $-15 - \frac{g}{3} = -5$

72. $-8 + 4m = 2$

73. $-18 - \frac{3}{4}v = 3$

74. $\frac{-5+n}{4} = -1$

75. $3.5m + 0.75 = -6.25$

76. $2y + 3 = 19$