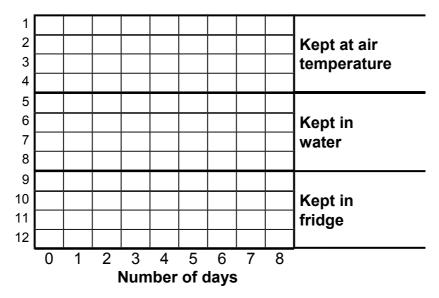


Question: What happens to an egg that has been kept for sometime?
Hypothesis:
Procedure: We have a dozen eggs, labelled 1 to 12. We will keep eggs 1-4 at room air temperature, eggs 5-8 in a pan of water, and eggs 9-12 in the fridge. Each day we will test the eggs for freshness by seeing if they float or sink in water. On the last day of the experiment, all the eggs will be broken open, and observed. All observations will be recorded.
Materials: One dozen eggs, labelled 1 to 12; a pan of water.
Results:

Table: Did the Egg Sink or Float?

Egg number	Environ ment	Day									
		0	1	2	3	4	5	6	7	8	9
1	air										
2	air										
3	air										
4	air										
5	water										
6	water										
7	water										
8	water										
9	fridge										
10	fridge										
11	fridge										
12	fridge										

Graph: For how many days did each egg sink?



Now analyse your results and explain what happened. Conclusion:
Why where so many eggs used in this experiment? Could you have found the same answer to the question with fewer eggs?
Can you think of any way this experiment could have been done in a better way?