

Lara Turner

*Battery Life in Different Temperatures*

To begin this project everything that was needed to perform this experiment was gathered. Four different temperature conditions were used to test the longevity of the different brands of batteries. The temperature in each of the different places was measured. Then the different brands of batteries were placed into flashlights and were tested in each of the different places. The time was then started to see how long the different batteries lasted in each different temperatures. The batteries lasted longer in the warmer temperatures than they did in the colder temperatures. The different times were compared to see which brand of battery lasted longer in the different temperatures. Then, using the results of how long each battery lasted, the cost of a pack of batteries was divided to see how much one battery costs. After I found out how much a single battery costs I divided that by how much minutes they lasted to find out what batteries you are spending better money on.