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The Three Types of Pain Relievers

The purpose of this experiment is to find out which pain reliever dissolves the fastest in water, or in a real life situation, which pain reliever would kick in the fastest and stop pain.

The experiment procedures were to fill 3 cups halfway with hot water. Then get one of each pain reliever ready and drop each in the cup of water. Pull the stopwatch out and record the time it takes for each pain reliever to dissolve in seconds. Record the time in science journal. Repeat the steps two times for accurate results.

The data showed that the Tylenol gel pain reliever dissolved the fastest in the cold water at 11 seconds. The Advil came in second dissolving at 13 seconds. The ibuprofen came in at 15 seconds. The average difference of the three is 33 seconds.

In conclusion, the results of the experiment did not support the original hypothesis. I learned from this experiment that Tylenol gel dissolves faster than other pain relievers.