[Phase 1](http://docs.google.com/phase1.html)][ [Phase 2](http://docs.google.com/phase2.html)

Phase 2

Phase 2 began with the 10 mice that were the offspring of the female and one of the males from the loved group. There were 4 females and six males. When they were about four weeks old I took them away from their mother and separated them into four cages. This time, in dividing the mice, I wanted to take into account the diference between being petted by a human and receiving affection from other mice. So I decided to have to cages of two males and two females each, and two cages with one male each. I would pet one of the mice in "solitary confinement" and one of the cages with four mice.

I again marked the mice with a dot on their tail to indicate sex and in which cage it belonged. This time, instead of trying to measure the mice by using a ruler, I used a scale and recorded their mass to the nearest tenth of a gram--results may be found in the DATA section.

Phase two thus proceeded much like phase one. I petted and played with the mice nearly every day--not as often as I would have liked, however, because I was often too busy to watch or play with them for very long. After about a month, I decided that it was time for my project to be over and for me to get writing. I weighed the mice again with the scale and recorded the final weight. I obtained the change in weight by subtraction initial weight from final weight. Then, I divided the change in weight by the initial weight so that I could say, for example, that mouse oone's final weight was 200% greater than the initial eight. This data can be found in the DATA section.

Even though my results from the first maze test were not as accurate as I wanted, I decided to use the maze again so that I could compare all the groups of mice. The results appear in the DATA Section.

As soon as I finished the experiment, I separated the males and the females hoping that I was early enough to prevent pregnancy. I put the four females together in one cage. I put the males in another except for one, the little runt, because I didn't think he'd survive with the others. It's a good thing I kept him out because that night the mice fought and I found one of the dead the next morning.