The experiment will discover if wood glue strengthens a nail joint, and if so, which one strengthens the nail joint the most, proving which wood glue is truly the strongest. Force needs to be applied. In addition, research to see if the differences were due to ingredients. To do the experiment a testing fixture needs to be built. The glue fixtures need to be built also. Cut all the wood out using the same piece of pine, so the pieces are about the same strength. All of the glue fixtures need to be the same size. Use seven different glue types. Do the actual experiment, which consists of placing the glue fixture in the right position, applying force and watching the gauge closely. Record the necessary information and repeat these steps for each wood glue type. This test proved that glue does strengthen a nail joint. A few others broke the wood, but only in parts, so these are still pretty accurate. Others just broke the glue at a low psi, nothing more. It was surprising at the amount of psi it took to break the glue. These results recommend Gorilla Glue because, if the other glues were stronger than Gorilla Glue, they would have broken the wood also.