

Simple Machines Study Guide

1. Name the six simple machines and an example of each
2. What is an ideal machine and using the concepts of W_{in} and W_{out} , why is it impossible to create
3. Describe the difference and name an example of:
 - a. 1st class lever
 - b. 2nd class lever
 - c. 3rd class lever
4. How are AMA and IMA different
 - a. AMA:
 - b. IMA:
5. Show 2 ways to solve for the efficiency of a simple machine
6. Create a table showing how you solve for IMA and AMA for all of the simple machines except for the screw and wedge