

Simple Machines

With your partner, read the article on simple machines and complete the chart below.

	Question	Answer	Illustration or 3-Word Summary
1.	What is a machine?		
2.	When is work done?		
3.	What does efficiency measure?		
4.	In what two ways can a machine be made to be more efficient?		
5.	What is a misconception about machines?		

6.	In what three ways can machines make work easier?		
7.	What is mechanical advantage?		
8.	How do machines increase your force?		Give two examples:
9.	How do machines increase distance of your force?		Give two examples:
10.	How do machines change the direction of your force?		Give two examples:

Summary: Write a 3-sentence summary about simple machines and how they help us do work.