

Worksheet 2: Functions as Machines

Another way to understand a function is as a machine. A machine has an input and an output. There is a relationship that exist between the input and output. The output depends on the input. The machine receives the input and transforms it into the output. For example, a toaster is a machine. When bread is input in the machine the output is toast. A washer is a machine. When dirty clothes are input into the machine the output is clean clothes. An oven is a machine. When raw meat is input into the machine the output is cooked meat. Some machines are complex. The human body, for example, is the most complex and sophisticated machine known. Think of the myriad of physical, emotional, mental, social, and spiritual inputs needed to have healthy persons. The output is nothing less than the whole of civilization across time and geographical boundaries!

On the worksheet below list at least ten machines along with their inputs and outputs.

Input	Machine	Output
1. bread	1. toaster	1. toast
2. dirty clothes	2. washer	2. clean clothes
3.	3.	3.
4.	4.	4.
5.	5.	5.
6.	6.	6.
7.	7.	7.
8.	8.	8.
9.	9.	9.
10.	10.	10.

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