Function Notation: Guided Notes

# Vocabulary

* **input:**
* **output:**
* **function:**
* **domain:**
* **range:**

# Notation

# Examples

Represent each of the following as a function using function notation.

## Toaster:

* Input:
* Function:
* Output:
* Domain:
* Range:

## Juicer:

Let ***J*** be the variable representing the juicer. Let ***f*** represent the fruit and ***d*** represent the juice you can drink.

**1)** What would *J*(*f* ) represent?

**2)** What would be the input?

**3)** What would be the output?

**4)** Describe the domain of *J*(*f* ).

**5)** Describe the range of *J*(*f* ).

## Paper Shredder:

How could you use function notation to represent how the paper shredder functions?