## Lesson 3: Equations for Functions <br> Cool Down: The Value of Some Quarters

The value $v$ of your quarters (in cents) is a function of $n$, the number of quarters you have.

1. Draw an input-output diagram to represent this function.
2. Write an equation that represents this function.
3. Find the output when the input is 10 .
4. Identify the independent and dependent variables.
