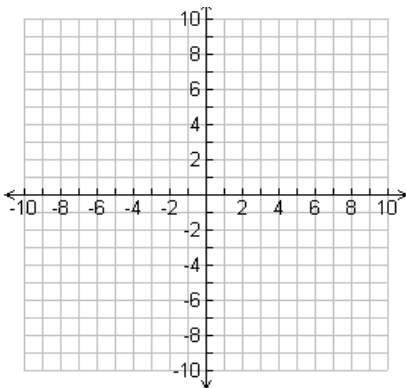


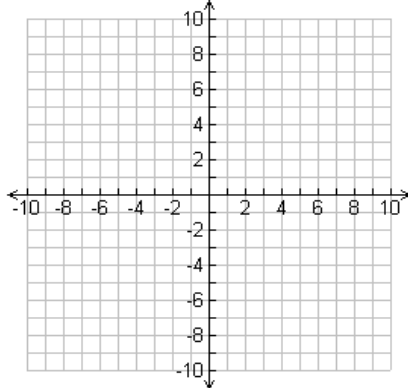
Name: _____

Functions: Create Your Own

- 1) Draw six points on the graph so that the result *would* be a function.



- 2) Draw six points on the graph so that the result *would NOT* be a function.



- 3) a. Fill in the table with inputs and outputs so the result *IS* a function.

x					
y					

- b. Fill in the table with inputs and outputs so the result is *NOT* a function.

x					
y					

- c. Think of your own specific function rule.

Write it here: $f(x) =$ _____

Then use it to complete the table below.

x					
f(x)					

For 4-5, create a “real-world function” problem, such as “Input = student; Output = student’s current height” or “Input = City; Output = population of that city.” Try to be creative. Do not, obviously, use one that we have already done.

- 4) One that *WOULD* be a function:

Input = _____

Output = _____

- 5) One that *would NOT* be a function:

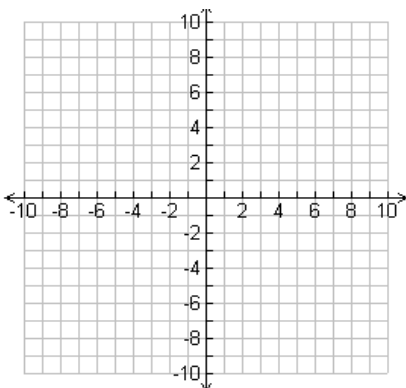
Input = _____

Output = _____

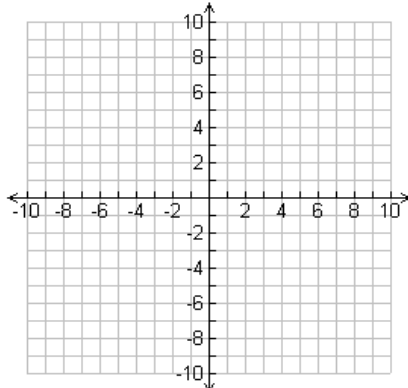
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