1. Solve the system of equations by graphing. Write the solution in the form of an ordered pair (x, y).

y=2x x+y=4

Solution:(\_\_\_\_\_\_)

  

2. How many solutions?\_\_\_\_\_\_\_\_\_\_\_ 3. How many solutions?\_\_\_\_\_\_\_\_\_\_\_\_ 4. How many solutions?\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| output | input | non-linear function | function |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_5. A relationship between two sets of variables with one unique output (*y-*value) for each input (*x*-value)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_6. The *y*-values in a function

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_7. A function that has varying changes in *x*- and *y*-values; a function whose graph is not a straight line

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_8. The *x*-values in a function