List out the domain and range in set notation, and state whether or not the relation is a function.

| 1. $\{(3,2),(4,5),(5,4),(2,4)\}$ | 2. |
| :---: | :---: |
| 3. | 4. $\{(5,-7),(6,-7),(-8,-1),(0,-1)\}$ |

5. Create a mapping for \#1
6. Create a mapping for \#2

Determine whether the graph represents a function. If no, explain where it fails.


10. Draw a graph that is a function:

12. Complete a table that is a function:

| $\mathbf{X}$ | $\mathbf{Y}$ |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |

11. Draw a graph that is NOT a function:

12. Complete a table that is NOT a function:

| $\mathbf{X}$ | $\mathbf{Y}$ |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |

