Name: _____

Worksheet: Graphing Functions

GUIDELINES FOR GRAPHING

- The goal is to graph enough points so that you can see the _____ of the graph. Different types of ٠ equations have different types of graphs.
- Each row of the table corresponds to a point on the graph. The "x" is obviously x, and the ______
- If the inputs are not already given, you may pick them yourself. It is a good idea to pick positives and negatives. ٠
- Unless I specify otherwise, graph _____ points. This should be enough to see the shape of the graph.
- _____. (Unless it is really close to the edge of the If your points go off the graph, ____ graph, then you can just estimate where it would be)
- YOU MUST ______, because the 7 numbers you chose are not the only possible numbers! to show that the graph goes forever.



3) $c(x) = \frac{1}{2}x + 8$













9) When graphing functions, WHY is it important that you connect the points?

10) When graphing functions, WHY is it important that you put arrows on the ends?