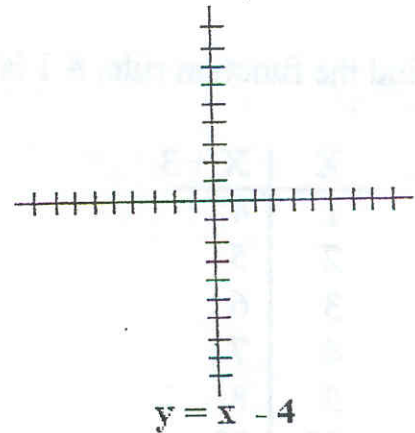
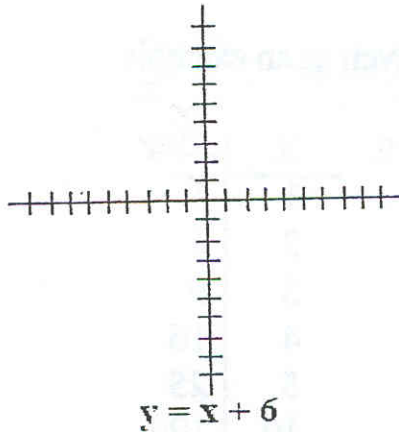
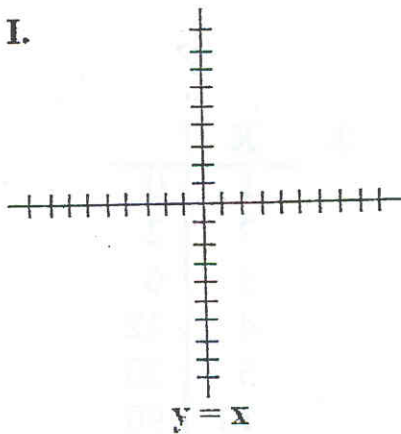


Graphing Practice

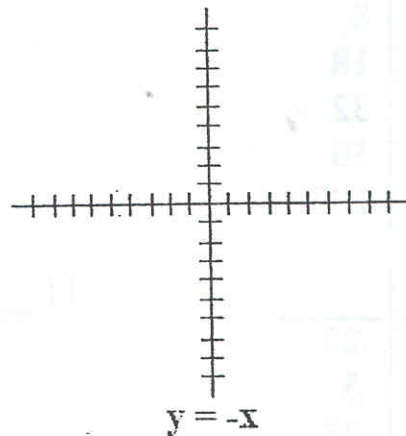
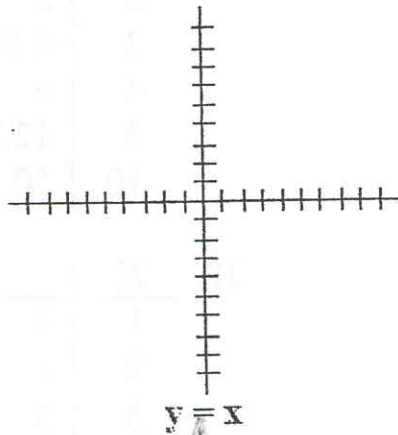
Sketch each equation's graph on the axes provided.
Answer the questions for each family of equations.

I.



- ◆ How are the lines the same?
- ◆ What is different about the lines?
- ◆ Where does each line cross the y-axis?
- ◆ What happens to the graph when a constant is added to $y = x$?
- ◆ Write an equation for a line similar to those above but crosses the y-axis at 5.
- ◆ Write an equation for a line similar to those above but crosses the y-axis at -2.

II.



- ◆ How are the lines alike?
- ◆ How are the lines different?