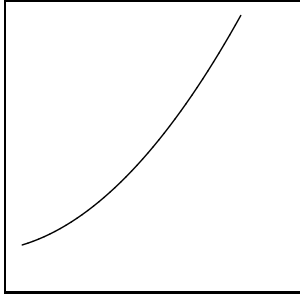
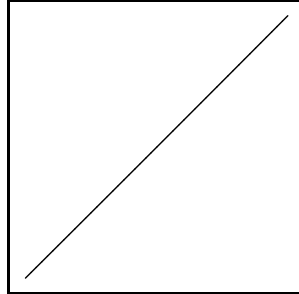


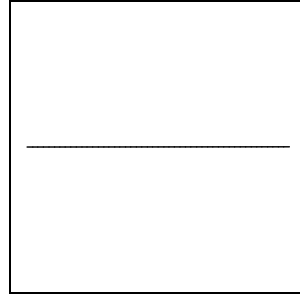
Problem statement Here are four graphs of $y = x^2$ all “drawn” by a computer. All of the windows are centered on the point $(2, 4)$. Find windows which could have produced the graphs shown, and explain your answers. Also, give one example of an approximately “straight line” graph which could *not* be produced by choosing a window centered around $(2, 4)$ and looking at $y = x^2$.



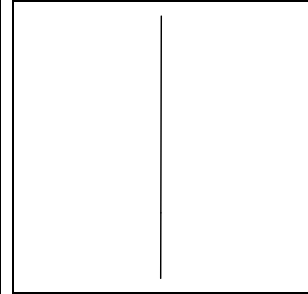
Graph #1



Graph #2



Graph #3



Graph #4