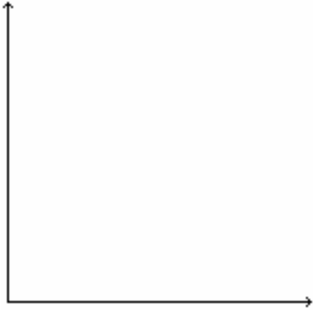
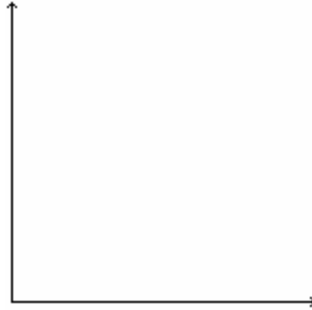


7.3 Graphs of Real-World Situations Notes

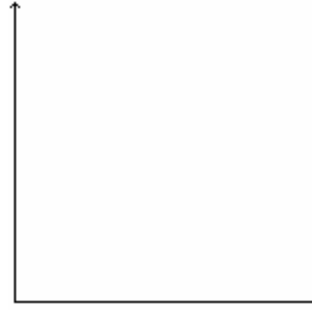
Linear



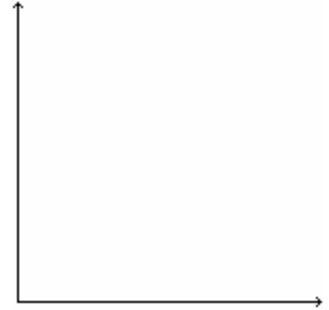
Nonlinear



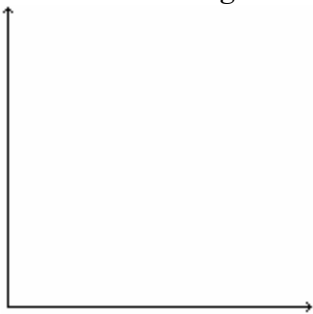
Increasing



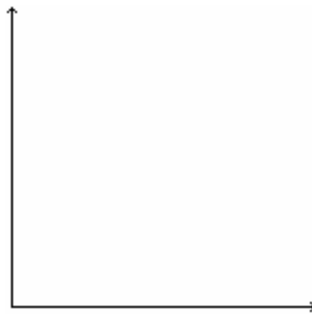
Decreasing



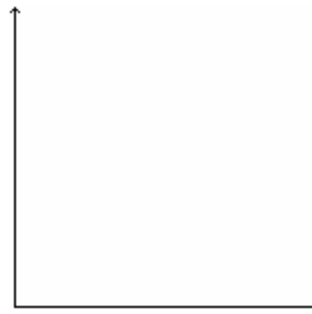
Linear and neither increasing nor decreasing



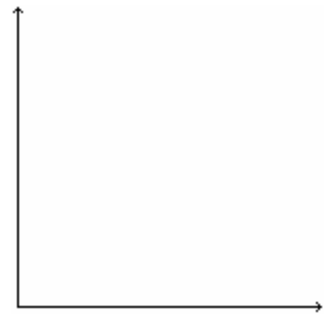
Increasing and nonlinear



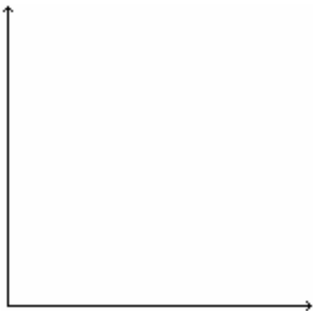
Decreasing slowly and linear



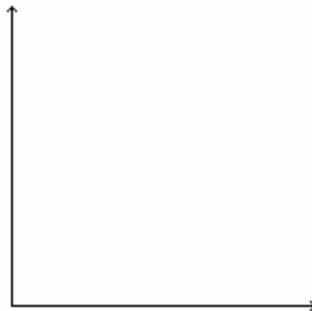
Decreasing quickly, then slowly, and nonlinear



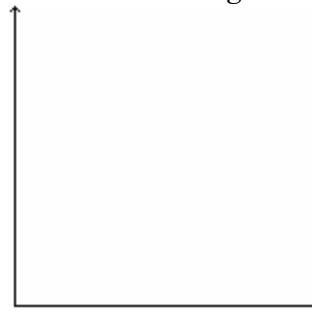
Continuous



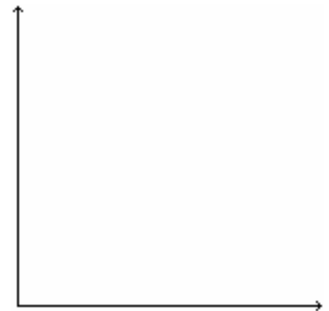
Continuous with a constant rate of change



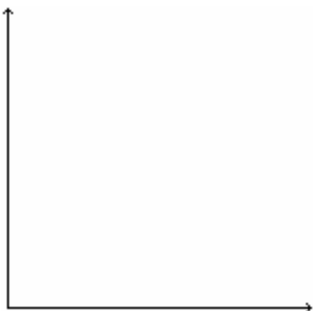
Discrete and decreasing



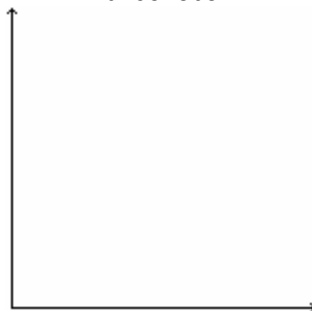
Discrete, increasing, linear



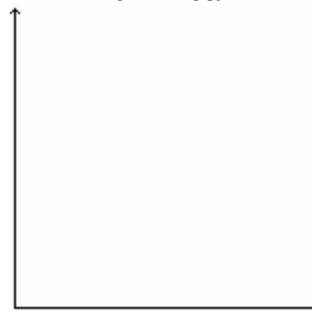
Increasing faster and faster and continuous



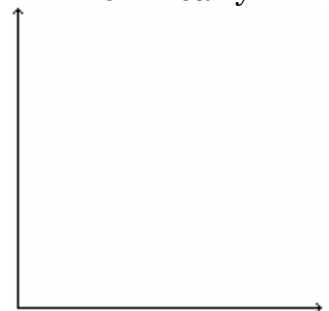
Decreasing faster and faster and discrete

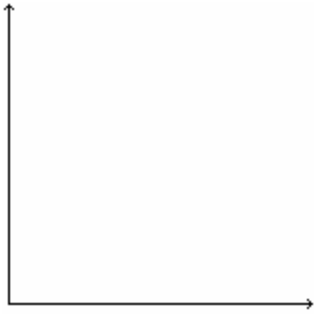


Increasing, continuous, nonlinear

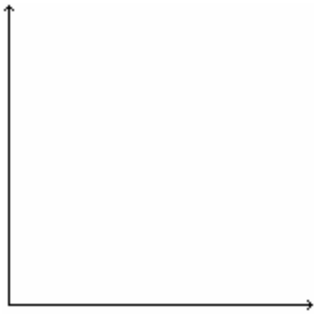


Decreasing linearly and then increasing nonlinearly

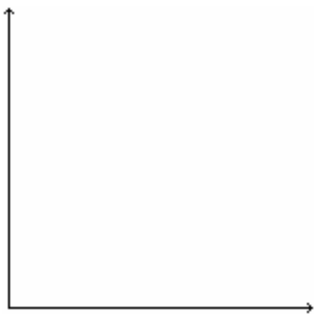




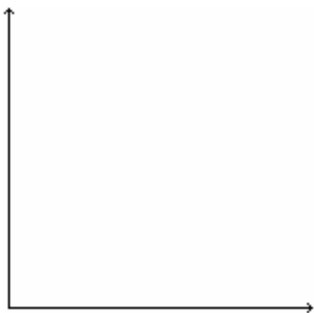
The temperature of a carton of milk and the length of time it has been out of the refrigerator.



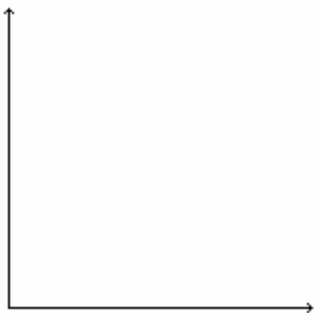
The number of cars on the freeway and the level of exhaust fumes in the air.



The temperature of a pot of water as it is heated.



The relationship between the cooking time for a 2-pound roast and the temperature of the oven.



The distance from a Ferris-wheel rider to the ground during two revolutions.