**3.1 Assignment Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **1.** The graph shows the number of cups of flour needed for making rolls.



**a.** Determine the rate of change.

**b.** Determine the number of cups of flour needed to make 75 rolls for a dinner party. Show your work.

 **2.** Kodiak is riding her skateboard down a hill, as shown on the graph.



**a.** Explain what point *A* represents.

**b.** Explain what point *B* represents.

**c.** How many seconds will it take Kodiak to reach the bottom of the hill?

**d.** How many feet down the hill is Kodiak skateboarding per second?

 **3.** The graph shows the amount that Roger still owes on a television he bought. Determine the rate of change and the unit rate of change for the graph.

