**Ussain Bolt: Rate of Change Introduction Name**:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



**What's the question.**

**Estimates:**

TOO LOW: Guess: TOO HIGH:

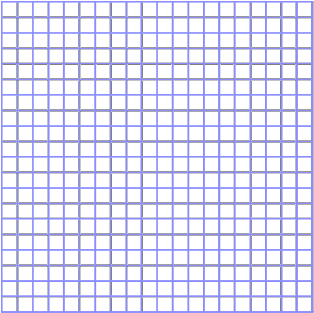
**Given Information:**

**Answer the Question:**

Identify:

**Independent Variable Dependent Variable**

Create a table of values. Graph this relationship. Label!



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**Equation:**

Assume Ussain Bolt could maintain this same speed from our school to Chicago. How long would it take him to get there?

a) Solve using your equation

b) Solve using ***another method of your choice.*** Show or explain your method.

Assume Ussain Bolt could maintain this same speed for 3 hours. Could he leave the State of Illinois?

a) Solve using your equation.