**Task #3**

Now you must derive the equation of the line so that you will be able to calculate the height of the suspect for the police detective.
• Using a point and the slope from task 2, derive the equation for the line in the form y = mx + b.
• Identify and interpret the meaning of the y-intercept in the context of the problem.

**Task #4**

You now will use the foot length of the suspect to determine his/her height.
• Substitute the given foot length of the suspect into the equation you derived in task 3.
• Calculate the height of the suspect.
• Prepare a report for the police detective detailing how you determined the approximate height of the suspect.