

## IT Essentials 5.0

### 8.2.4.3 Lab - Mobile Device Features - Android and iOS

#### Introduction

Print and complete this lab.

In this lab, you will set the autorotation, brightness, and turn GPS on and off.

#### Recommended Equipment

The following equipment is required for this exercise:

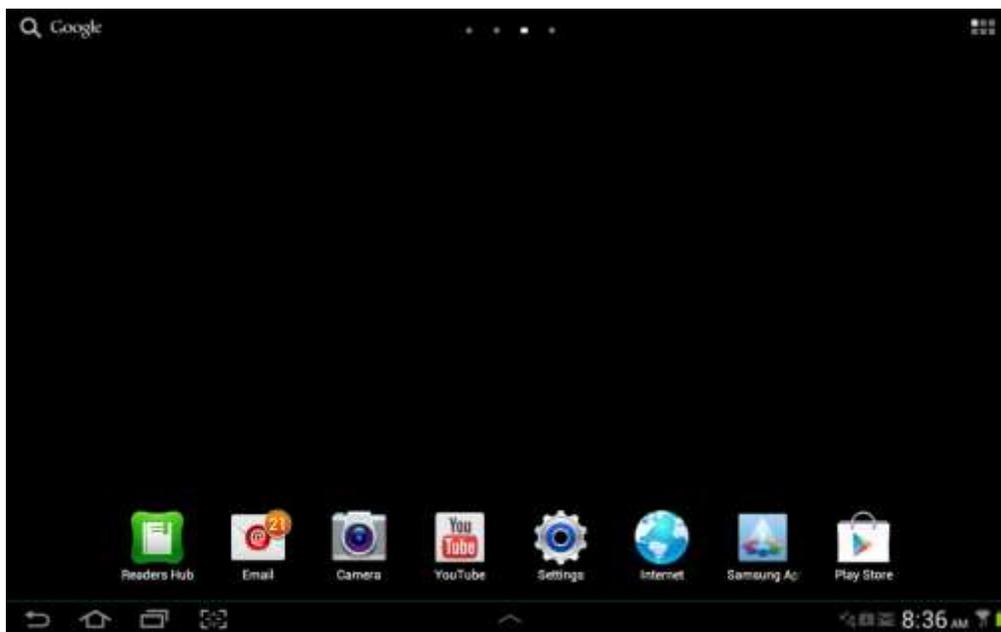
- Android tablet or smartphone running Android version 4.0
- iOS tablet or smartphone running iOS version 5.0

#### Part 1 - Android Auto Rotation

##### Step 1

Turn on the device and log in with the password, PIN, or other passcode, if necessary.

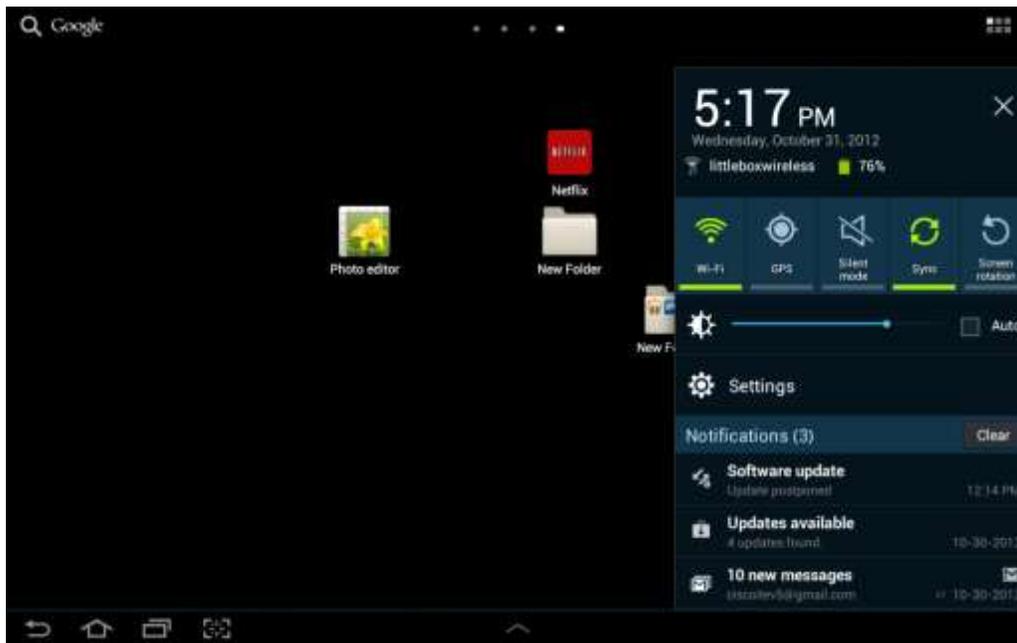
The main home screen appears.



##### Step 2

Touch the **notification and system** icons.

The “notification” area appears.



Touch the **Settings** icon.

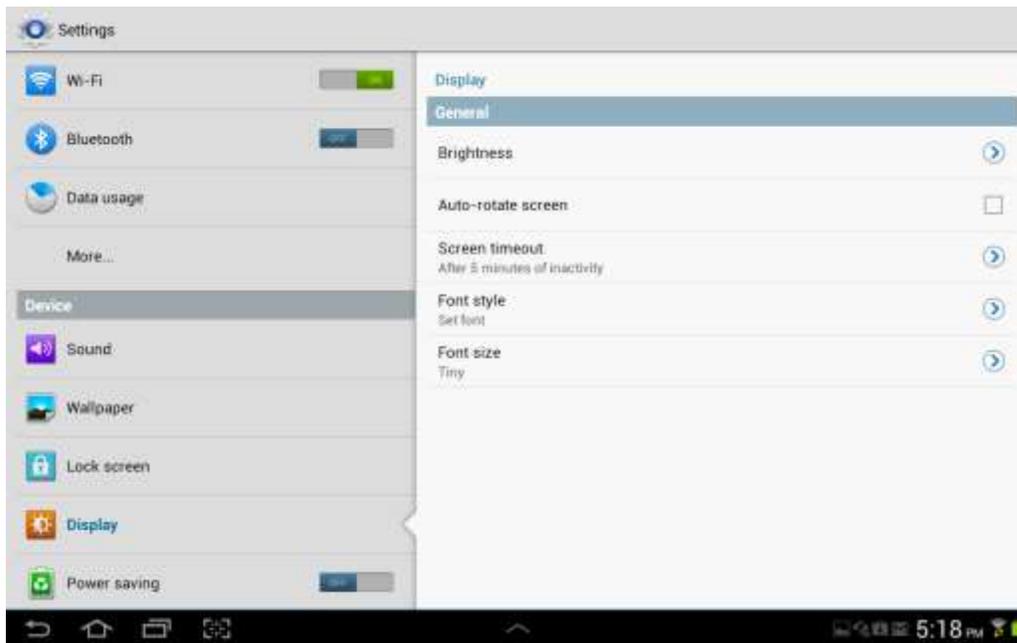
The “Settings” menu appears.



### Step 3

Touch **Display**.

The “Display” menu appears.



Touch the checkbox next to **Auto-rotate screen** repeatedly until there is no check in the box.

Rotate the device 90 degrees clockwise.

What happens to the screen?

Rotate the device 90 degrees counter-clockwise.

Touch the checkbox next to **Auto-rotate screen**.

Rotate the device 90 degrees clockwise.

What happens to the screen?

Touch the **Home** button to return to the home screen.

## Part 2 - iOS Auto Rotation

### Step 1

Turn on the device and log in with the password, PIN, or other passcode, if necessary.

The main home screen appears.



## Step 2

Double-click the **Home** button.

The "Multitasking Bar" appears.



Scroll from left to right until the “Orientation” icon appears.



### Step 3

Touch the **Orientation** icon to lock the screen in portrait orientation.



Click the **Home** button.

Touch **Calendar**.

Rotate the device 90 degrees clockwise.

What happens to the screen?

Double-click the **Home** button.

Scroll left to right.

Touch the **Orientation** icon to unlock portrait orientation.



Rotate the device 90 degrees clockwise.

What happens to the screen?

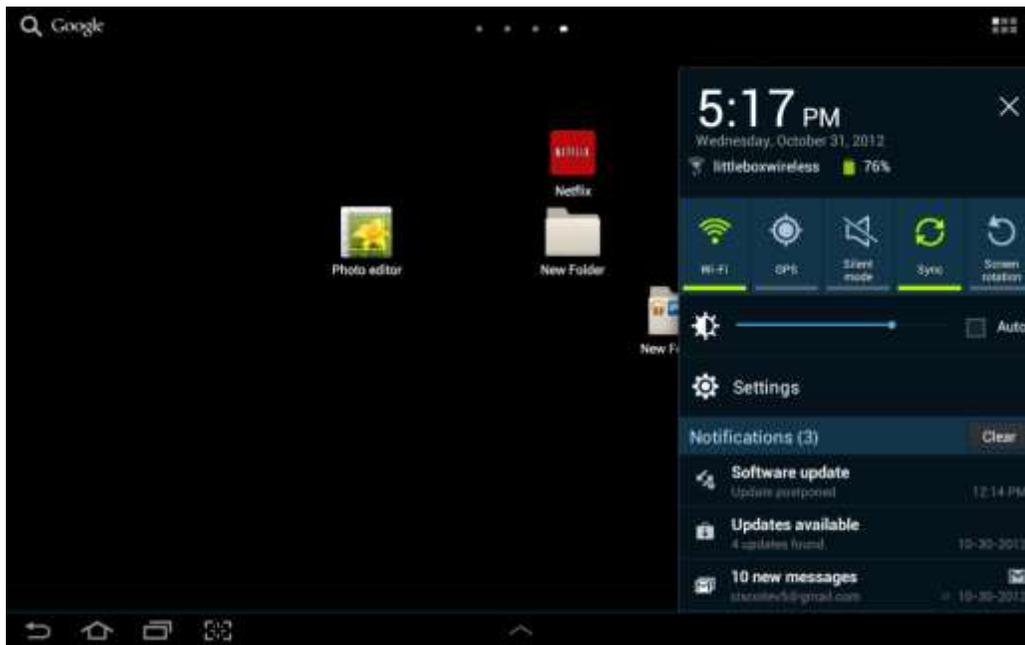
Click the **Home** button to return to the home screen.

### Part 3 – Android Brightness

#### Step 1

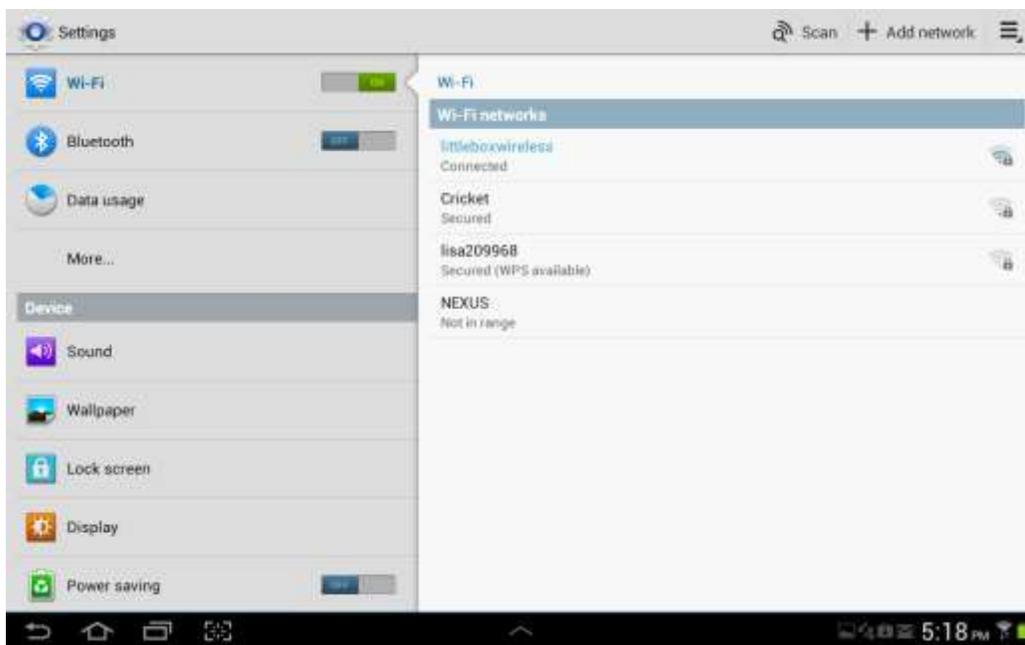
Touch the **notification and system** icons.

The “notification” area appears.



Touch the **Settings** icon.

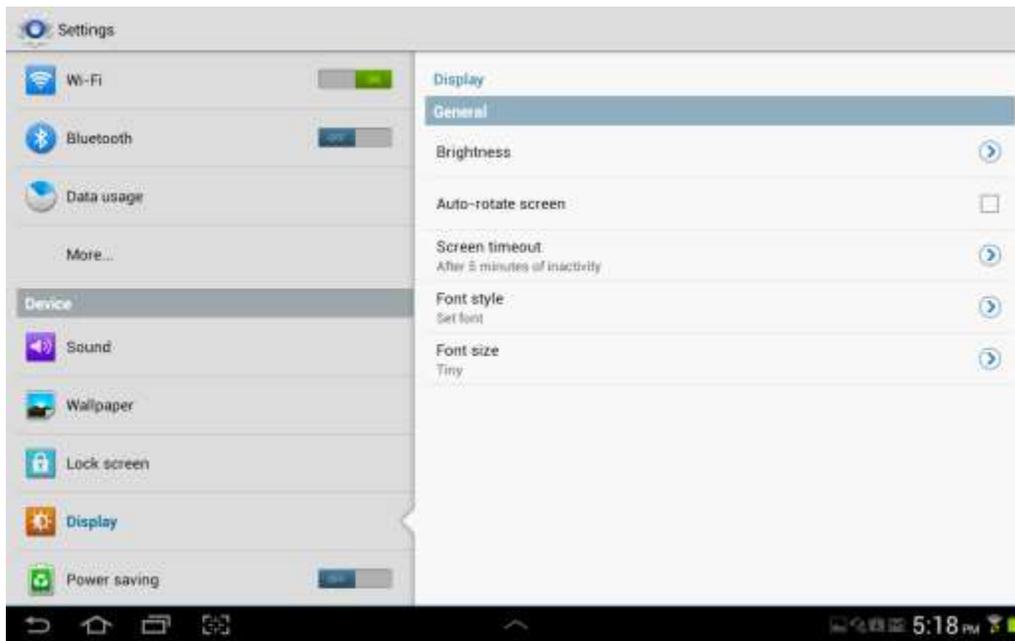
The “Settings” menu appears.



## Step 2

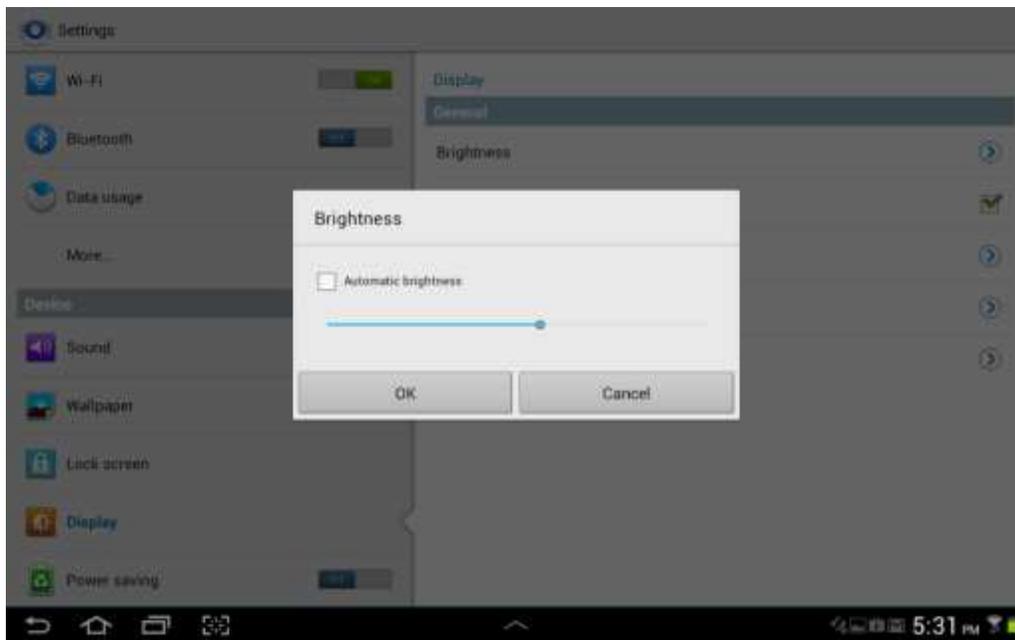
Touch **Display**.

The “Display” menu appears.



Touch **Brightness**.

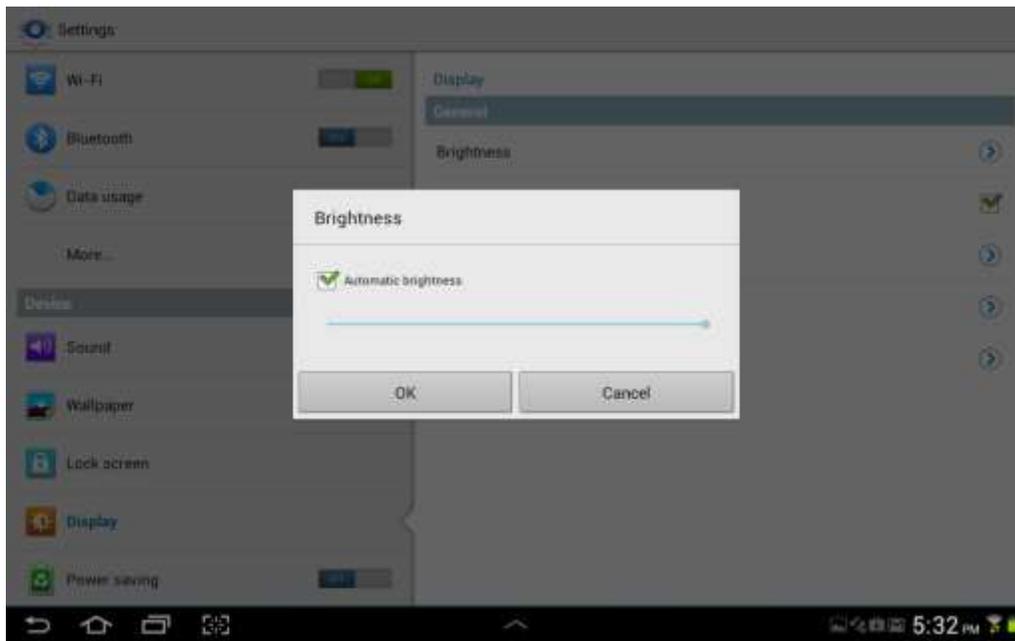
The “Brightness” menu appears



Move the slider all the way to the right.

What happens?

Touch the **Automatic brightness** checkbox repeatedly until there is a check in the box.



What happens?

Touch the **Automatic brightness** checkbox.

Move the slider all the way to the left.

What happens?

Touch the **Automatic brightness** checkbox.

What happens?

Touch the **Home** button to return to the home screen.

## Part 4 – iOS Brightness

### Step 1

Touch the **Settings** icon.

The “Settings” menu appears.



## Step 2

Touch **Brightness and Wallpaper**.

The “Brightness and Wallpaper” screen appears.



Turn off **Auto-Brightness**.



Move the slider all the way to the right.

What happens?

Turn on **Auto-Brightness**.

What happens?

Turn off **Auto-Brightness**.

Move the slider all the way to the right.

What happens?

Turn on **Auto-Brightness**.

What happens?

## Part 5 – Android GPS

### Step 1

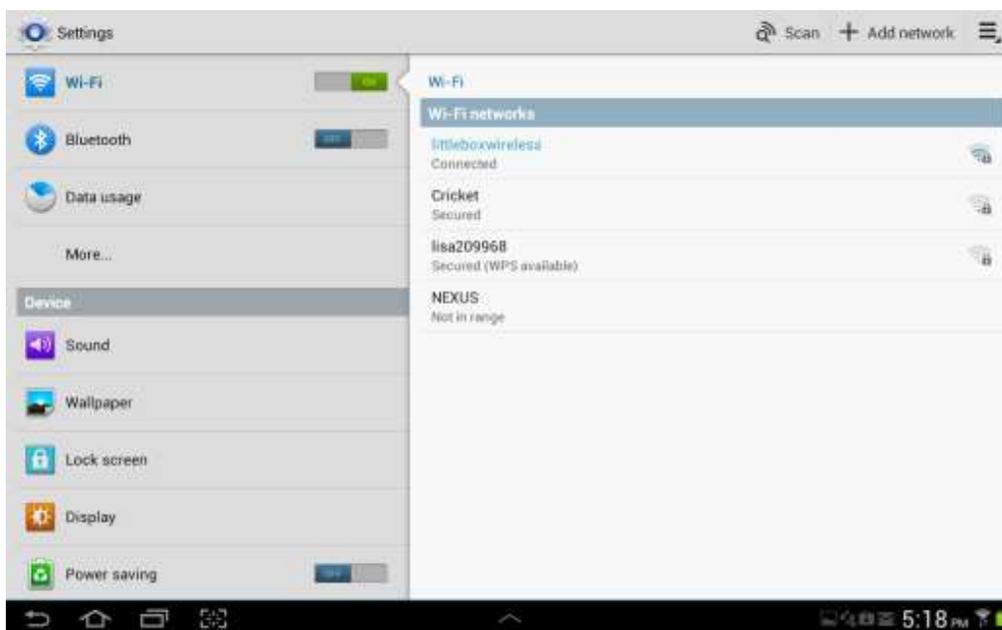
Touch the **notification and system** icons.

The “notification” area appears.



Touch the **Settings** icon.

The “Settings” menu appears.



Touch **Location Services**.

The “Location Services” menu appears.



Make sure that only the **Use GPS satellites** checkbox is not checked.

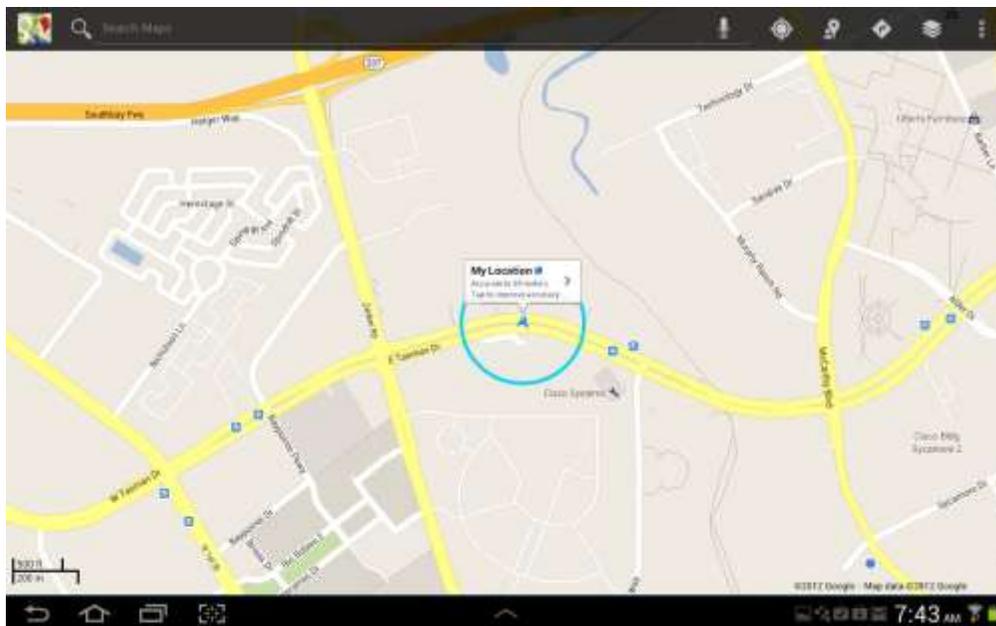
Touch the **Home** button.

## Step 2

Touch the **All Apps** button.

Touch the **Maps** app icon.

The "Maps" app is opened.



What is the accuracy of the location?

How is the device able to determine the location?

### Step 3

Touch the **notification and system** icons.

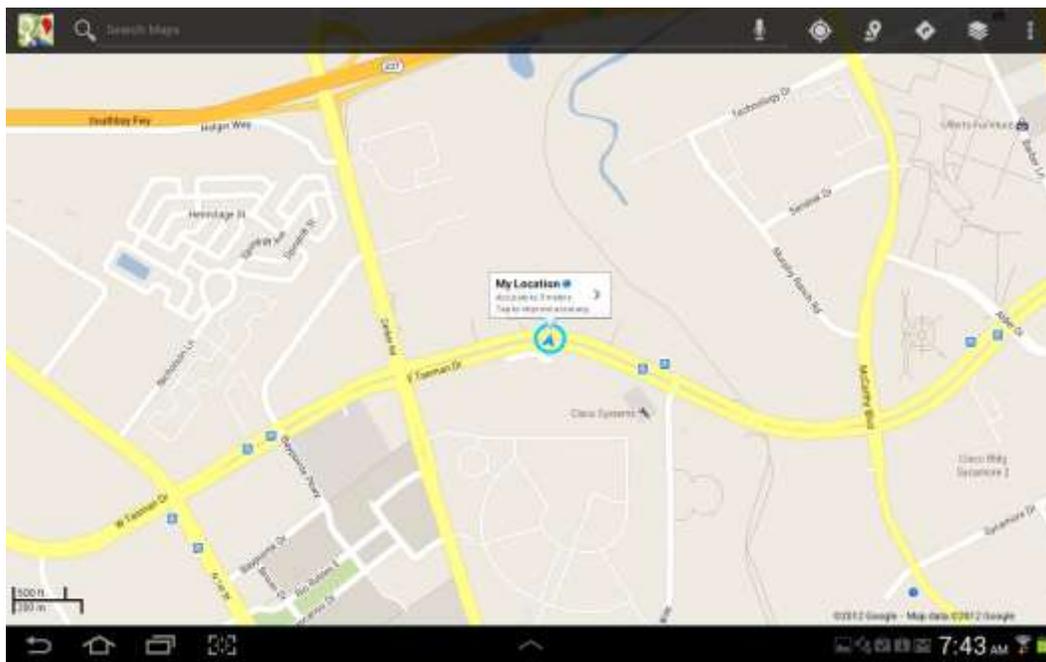
Touch the **Settings** icon.

Touch **Location Services**.

Touch the **Use GPS satellites** checkbox.

Touch the **Back** button.

The “Maps” app is displayed.



What is the accuracy of the location?

Touch the **Home** button.

## Part 6 – iOS GPS

### Step 1

Touch the **Settings** icon.

The “Settings” menu appears.



## Step 2

Touch **Privacy**.

The “Privacy” menu appears.



Touch **Location Services**.

The “Location Services” menu appears.



What apps are using Location Services?

Turn **Location Services** off.

Click the **Home** button.

### Step 3

Touch the **Map** app icon.

The “Map” app opens.



Touch the **Current Location** icon.



What happens?

Select **Services**.

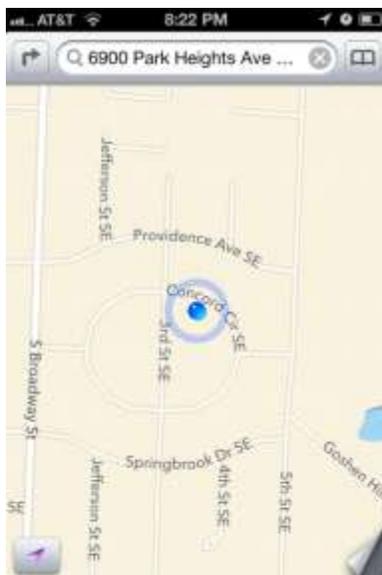
Turn **Location Services** on.

Touch the **Home** button.

Touch the **Map** app icon.

The "Map" app is opened.

Touch the **Current Location** icon.



What is the accuracy of the location?

Click the **Home** button.