



## Lab – Mobile Device Information

### Introduction

In this activity, you will use the Internet, a technical journal, or a local store to gather information about an Android and an iOS device. You will document the specifications of each Android and iOS device onto this worksheet. Be prepared to discuss your decisions regarding the devices you select.

### Recommended Equipment

- PC with Internet Connection

### Instructions

**Step 1: Select an Android and iOS device to research. Record the hardware specifications in the boxes below.**

Specifications	Android Device		iOS Device	
<b>Model</b>	Pixel 9		<b>iPhone 17</b>	
<b>Manufacturer</b>	Google		<b>Apple</b>	
<b>Operating System</b>	Android 14-16		<b>iOS 26</b>	
<b>Available Memory</b>	12GB		<b>8GB</b>	
<b>Camera</b>	Rear Camera	Front Camera	Rear Camera	Front Camera
	1x 50mp wide 1x 48mp ultrawide	1x 10.5mp ultrawide 1x 48mp ultrawide	1x 48mp wide 1x 48 mp ultrawide	1x 18mp wide
<b>Wi-Fi Connectivity</b>	Wifi 7		<b>Wifi 7</b>	

Specifications	Android Device	iOS Device
Battery Information	4700 mAh	<b>3692mAh</b>
Screen Size and Resolution	6.3 inch @ 2424 × 1080	<b>6.3 inch @ 2622 × 1206</b>
Size and Weight	6 inch x 2.8 inch x 0.3 inch 198g	<b>5.89 inch x 2.81 inch x 0.31 inch 177g</b>

**Step 2: Based on your research, which mobile device would you select? Be prepared to discuss your decisions regarding the mobile device you select.**

The Pixel 9, has a better battery life, has more RAM / memory (12GB for the Pixel 9 VS. 8GB for the iPhone 17), runs Android allowing for more customizability software wise, but also has a better front camera, and rear camera. While the iPhone 17 does have a better screen resolution, I think that the other benefits of the Pixel9 outweigh the iPhone 17's benefits.

More on the OS. The long told debate over Android VS. iOS. I personally believe that Android is for me. I do admit that iOS has some very nice features that are exclusive to that specific OS, but iOS can sometimes feel limiting despite the exclusive features. Android makes me feel like I really own the phone, I can change whatever I want on the phone without any limitations. Getting your own icon pack on iOS is not something you can just do without modifying the OS, meanwhile on Android it takes 5 minutes to change your app's icons to whatever you wish.

Even though the Pixel 9, and iPhone 17 are similarly matched, the Pixel 9 would still be my prime choice by a long shot. The Pixel 9 has one thing that all Apple devices don't have, repairability. Most Apple products now are notoriously difficult to repair, most people often opting to simply replace their damaged devices with new ones. Not only is this expensive, it is also wasteful.

For me, most Android phone simply beat Apple. The freedom that Android lets you have over iOS, and by extension, Apple is unmatched. I would still rather choose an old Android phone from 2020 over the newest iPhone model they have.