**Calculator-Grid Layout**

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:background="#323030"

android:layout\_gravity="bottom"

android:gravity="bottom"

android:orientation="vertical"

tools:context=".MainActivity">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="vertical">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_gravity="end"

android:orientation="vertical">

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="20dp"

android:text="9+10"

android:textAlignment="textEnd"

android:textColor="@color/white"

android:textSize="40dp"/>

<TextView

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="20dp"

android:text="=19"

android:textAlignment="textEnd"

android:textColor="@color/white"

android:textSize="40dp"/>

</LinearLayout>

<GridLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:layout\_weight="1"

android:columnCount="4"

android:layout\_gravity="bottom"

android:rowCount="4">

<Button

android:id="@+id/b7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="7"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b8"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="8"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b9"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="9"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/bmul"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="X"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="4"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="5"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="6"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/bdiv"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="/"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="1"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="2"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="3"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/bpls"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="+"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/b0"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="0"

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/bpt"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="."

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/beq"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="="

android:textColor="@color/white"

android:textSize="25dp"/>

<Button

android:id="@+id/bdiff"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_margin="10dp"

android:background="@drawable/bg\_button"

android:text="-"

android:textColor="@color/white"

android:textSize="25dp"/>

</GridLayout>

</LinearLayout>

</LinearLayout>

**MainActivity.java**

package com.example.mycalculator;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

}

**Output**

**A screenshot of a cell phone

Description automatically generated with medium confidence**