**Question 1**

Which two layout constraint attributes on the **Zero**Button position it vertically equal distance between the other two Button elements? (Pick 2 answers.)

* app:layout\_constraintBottom\_toTopOf="@+id/button\_count"
* android:layout\_marginBottom="8dp"
* android:layout\_marginStart="16dp"
* app:layout\_constraintTop\_toBottomOf="@+id/button\_toast"
* android:layout\_marginTop="8dp"

ANS\_1: android:layout\_marginBottom="8dp"

ANS\_2: android:layout\_marginTop="8dp"

**Question 2**

Which layout constraint attribute on the **Zero**Button positions it horizontally in alignment with the other two Button elements?

* app:layout\_constraintLeft\_toLeftOf="parent"
* app:layout\_constraintBottom\_toTopOf="@+id/button\_count"
* android:layout\_marginBottom="8dp"
* app:layout\_constraintTop\_toBottomOf="@+id/button\_toast"

ANS: app:layout\_constraintLeft\_toLeftOf="parent"

**Question 3**

What is the correct signature for a method used with the android:onClick XML attribute?

* public void callMethod()
* public void callMethod(View view)
* private void callMethod(View view)
* public boolean callMethod(View view)

ANS: public void callMethod(View view)

**Question 4**

The click handler for the **Count**Button starts with the following method signature:

public void countUp(View view)

Which of the following techniques is more efficient to use within this handler to change the Button element's background color? Choose one:

* Use findViewById to find the **Count**Button. Assign the result to a View variable, and then use [setBackgroundColor()](https://developer.android.com/reference/android/view/View.html" \l "setBackgroundColor(int)" \t "_blank).
* Use the view parameter that is passed to the click handler with [setBackgroundColor()](https://developer.android.com/reference/android/view/View.html" \l "setBackgroundColor(int)" \t "_blank): view.setBackgroundColor()

ANS: Use the view parameter that is passed to the click handler with [setBackgroundColor()](https://developer.android.com/reference/android/view/View.html" \l "setBackgroundColor(int)" \t "_blank): view.setBackgroundColor()