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Build a basic layout

Let's do a quick test! You must answer at least 6 questions correctly to pass this quiz.




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1. Which of the following elements is considered a View in an Android app?

- ☐ An image
- ☐ A clickable button
- ☐ Text on the screen
- ☒ All of the above  **Correct!**
- ☐ None of the above

2. What is the main purpose of a ViewGroup?

- ☐ It groups together the most common views that developers use in Android apps.
- ☒ It serves as a container for View objects, and is responsible for arranging the View objects within it.  **Correct!**
- ☐ It is required to make a view interactive as a way to group TextViews on a screen.
- ☐ It is required to set colors and background images.

3. Fill-in-the-blanks

Enter one or more words to complete the sentence.




The type of ViewGroup that helps you arrange the views inside of it in a flexible way is called a

ConstraintLayout .

 **Correct!**

4. Which of the following are Attributes in Android?

Choose as many answers as you see fit.

- ☒ text  **Correct!**
- ☒ textSize  **Correct!**
- ☐ textUse
- ☒ textColor  **Correct!**
- ☐ textContent

5. Fill-in-the-blanks

Enter one or more words to complete the sentence.

In Android, a graphic that can be drawn to the screen is generally referred to as a **Drawable**.

✓ Correct!

6. Which of the following is an example of a “constraint” that could be applied to a view in a `ConstraintLayout ViewGroup` in the Layout Editor?

Choose as many answers as you see fit.

✓ A view that must always be a minimum distance away from the edge of its container

✓ Correct!

☐ A view that must always be free of warning triangles

✓ A view that must always be to the right of another view

✓ Correct!

✓ A view that must always be the topmost view inside a container

✓ Correct!

☐ A view that must always include a `contentDescription` attribute

7. What is the purpose of the `activity_main.xml` file in the project you created?

☐ It provides the theme settings for your app.

☐ It lets your app users create their own custom views of the app.

☐ It stores all the images your app will use.

✓ It describes the layout of view groups and views for a screen.

✓ Correct!

8. Why should you use string resources instead of hard-coded strings in your apps?

Choose as many answers as you see fit.

✓ It makes your app easier to translate.

✓ Correct!

☐ It allows you to use longer strings in your app.

☐ It allows you to apply special color attributes to your string.

✓ It allows you to reuse the same string in multiple places in your program.



✓ Correct!

Results

You scored **8 out of 8**. Congratulations! You have passed this quiz.

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