

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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