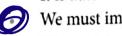


## Exercises, Problems, and Projects

## Multiple-Choice Exercises

- 1. How do we import View.OnClickListener (if we want to use code like View. OnClickListener listener;)?
  - Importing the View class is sufficient
  - It is automatically imported



We must import View.OnClickListener;

- We must import OnClickListener;
- 2. What is the name of the abstract method of View.OnClickListener?
  - listen
  - click



onClick

- clickListen
- 3. What method of the ViewGroup class do we use to add a child View to a parent View?
  - addChild



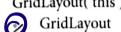
addView

- moreView
- newView
- 4. We are coding inside the private class Y, which is coded inside the public class X. How do we access the current object of the Y class?

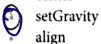


- Y.this
- this.X
- We are coding inside the private class Y, which is coded inside the public class X. How do we access the current object of the X class?
  - this
  - X.this
  - Y.this
  - this.X
- How do we retrieve the size of the screen (assuming that size is a Point object reference)?
  - getWindowManager( ).getSize( );
  - getDefaultDisplay( ).getSize( );
  - getWindowManager( ).getDefaultDisplay( ).getSize( size );
    - getWindowManager( ).getDefaultDisplay( ).getSize( );

7.	What is the data type of this in the code GridLayout gridLayout = new
	GridLayout( this )?



- Context
- Grid
- ·/ View
- 8. What method of the GridLayout class do we use to set the number of rows of the grid?
  - setRows
  - setRowCount
  - setCount
  - numberOfRows
- 9. What method of the Activity class do we use to set the view for an activity?
  - setLayout
  - setContentView
    - setView
    - view
- 10. Inside an Activity class, how do we instantiate a button?
  - Button b = new Activity();
  - Button b = new Button();
  - Button b = new Button( this );
  - Button b = new Button( Activity );
- 11. What class is used by views to tell their parents how they want to be laid out?
  - Layout
  - Params
  - ✓ ViewParams
  - LayoutParams
- 12. What method do we use to specify the alignment of the text within a TextView?
  - setAlignment
  - center



## Fill in the Code

13. Assign the width of the current screen to a variable name width.

```
// Your code goes here
```