**Question 1**

How does RecyclerView display items? Select all that apply.

▢🡺 Displays items in a list or a grid.

▢ Scrolls vertically or horizontally.

▢ Scrolls diagonally on larger devices such as tablets.

▢ Allows custom layouts when a list or a grid is not enough for the use case.

**Question 2**

What are the benefits of using RecyclerView? Select all that apply.

▢🡺 Efficiently displays large lists.

▢ Automatically updates the data.

▢ Minimizes the need for refreshes when an item is updated, deleted, or added to the list.

▢🡺 Reuses view that scrolls off screen to display the next item that scrolls on screen.

**Question 3**

What are some of the reasons for using adapters? Select all that apply.

▢🡺 Separation of concerns makes it easier to change and test code.

▢ RecyclerView is agnostic to the data that is being displayed.

▢🡺 Data processing layers do not have to concern themselves with how data will be displayed.

▢ The app will run faster.

**Question 4**

Which of the following are true of ViewHolder? Select all that apply.

▢ The ViewHolder layout is defined in XML layout files.

▢🡺 There is one ViewHolder for each unit of data in the dataset.

▢🡺 You can have more than one ViewHolder in a RecyclerView.

▢🡺 The Adapter binds data to the ViewHolder.