

Venn Diagrams - II

1. Represent each of the following sets of data using a Venn diagram.

- a. People were asked about the movies they have watched and following results were obtained.

Iron Man-III	5
Dark Knight Rises	3
Both of the above	2

- b. People were asked about newspaper they like to read and following results were obtained.

The New York Times	6
The Economic Times	9
Both of the above	6

- c. Students of fourth grade were asked the music instrument they play and following data was recorded.

Guitar	12
Flute	16
Both of these	2

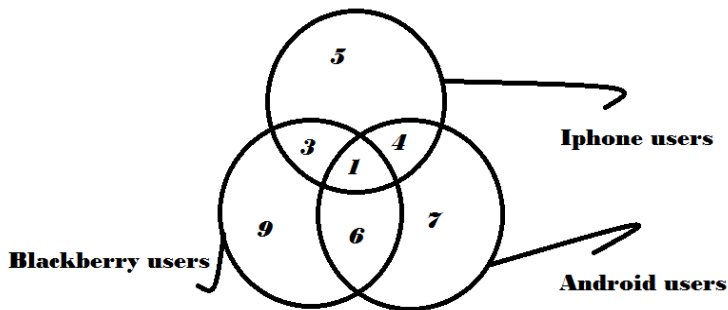
Solution:

a.

b.

c.

2. Using the Venn diagram shown below answer the following questions.



- How many people use Blackberry as well as iPhone? _____
- How many people use iPhone as well as Android phones? _____
- How many people use all the three types of phones? _____
- How many people use Android phones but not iPhone or Blackberry? _____
- Which phone is used by the most number of people? _____
- How many people were surveyed to obtain the above Venn diagram provided all of the surveyed people selected at least one of the three phones mentioned above? _____