

1. In a group of 100 students, 60 students are enrolled in a drawing class and 70 students are enrolled in a dance class. Draw a Venn diagram to represent this.
2. What is the square root of 4?
 - (a) -1
 - (b) 2
 - (c) -2
 - (d) 1
3. Answer the following questions about a triangle.
 - (a) How many sides does it have?
 - (b) What is the sum of its internal angles?
4. (a) What is the largest freshwater lake on Earth in terms of volume?
(b) Where is it located?
5. What is the capital of India?
6. Who is referred to as the father of the nation?
7. (a) What is the fourth planet from the sun?
(b) How many moons does this planet have?
8. What is the value of

$$\sum_{i=1}^{\infty} \frac{8}{10^i}$$

to the second decimal place?

9. What is the largest moon in the solar system?
 - (a) Titan
 - (b) Ganymede
 - (c) Triton
 - (d) Earth's moon