Maths - 10th Class Mathematics English Medium Chapter 3 Preparation

Q1. What do you mean by inverse variations ?

Ans 1: If two quantities are related in such a way that when one quantity increases, the other decreases is called inverse variation.

Q2.

Ans 1:

Q3. Define third proportional.

Ans 1: In three quantities a, b and c are related as a : b : : b : c then c is called the third proportional.

Q4. What is joint variation ?

Ans 1: A combination of direct and inverse variations of one or more than one variables forms joint varition.

Q5. Which thing is important in a ration ?

Ans 1: The order of the elements is important in a ratio.

Q6. What is k method ?

Ans 1:

Q7. What is the unit of ratio ?

Ans 1: A ratio has no units.

Q8. Define inverse variation.

Ans 1: If two quantities are related in such a way that when one quantity increases, the other decreases is called inverse variation.

Q9. Find x, if 6 : x : : 3 : 5

Ans 1: 6 : x : : 3 : 5

As, product of extremes = product of means

So, 6x5 = 3x

3x = 30

x = 10

Q10. How many types of variations are ?

Ans 1: There are two types of variations.

i. Direct variation

ii. Inverse variation.