

Written Test

Sample (5)

(a) In Figure (a), A, B, C, D and E are five different points on a line. Line segments are formed by marking any two points on this line. For example, AB, AC and BD are three line segments. How many different line segments are there in Figure (a) ?

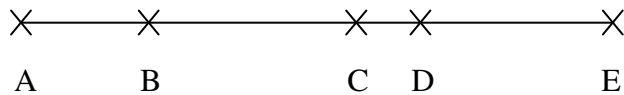


Figure (a)

Answer: There are _____ different line segments.

(b) There are many different triangles in Figure (b), such as $\triangle VAB$, $\triangle VAC$ and $\triangle VBD$. How many different triangles are there in Figure (b) ?

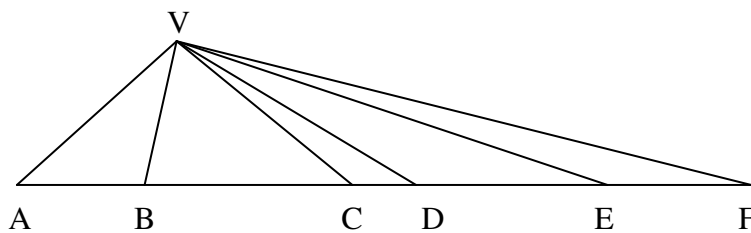


Figure (b)

Answer : There are _____ different triangles.