

Answer on Question #77028, Math / Calculus

We have two points:  $A(-5, 2)$  and  $B(4, 15)$ . Then, the equation of segment between them is

$$\begin{cases} x(t) = -5 + t(4 - (-5)) = -5 + 9t \\ y(t) = 2 + t(15 - 2) = 2 + 13t, \end{cases}$$

where  $t \in [0, 1]$