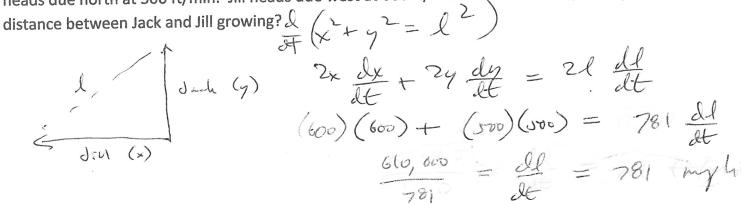
Jack and Jill are talking, not moving, on jet skis in the middle of a lake. They part company and Jack heads due north at 500 ft/min. Jill heads due west at 600 ft/min. After 1 minute, how quickly is the distance between Jack and Jill growing?  $\mathcal{L}$ 



answer:	
allowel.	