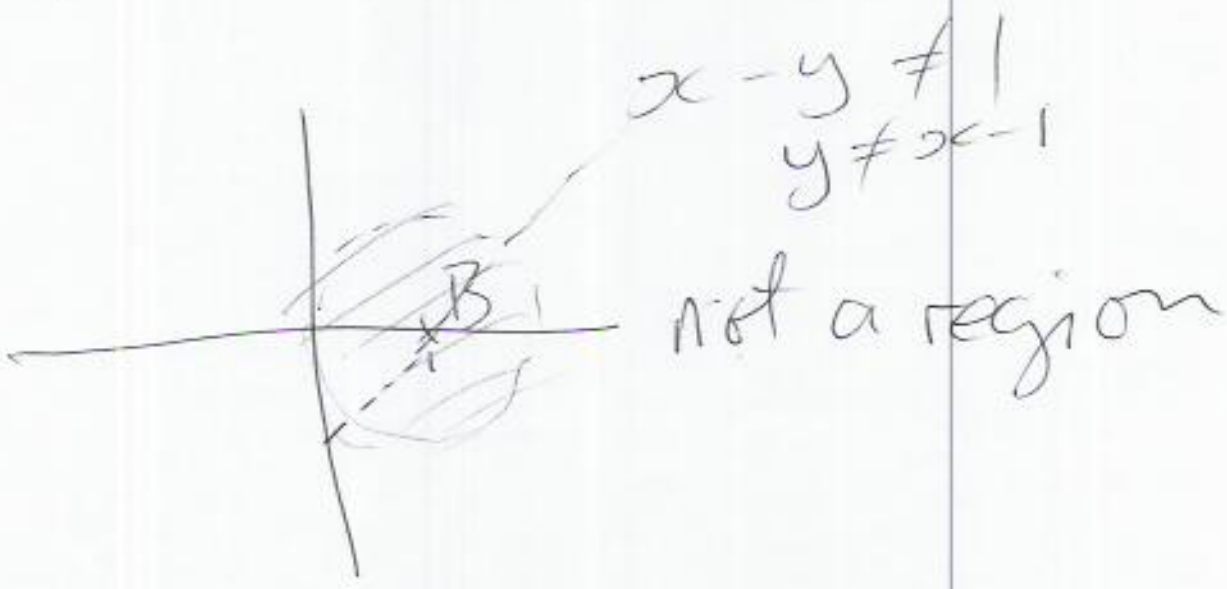
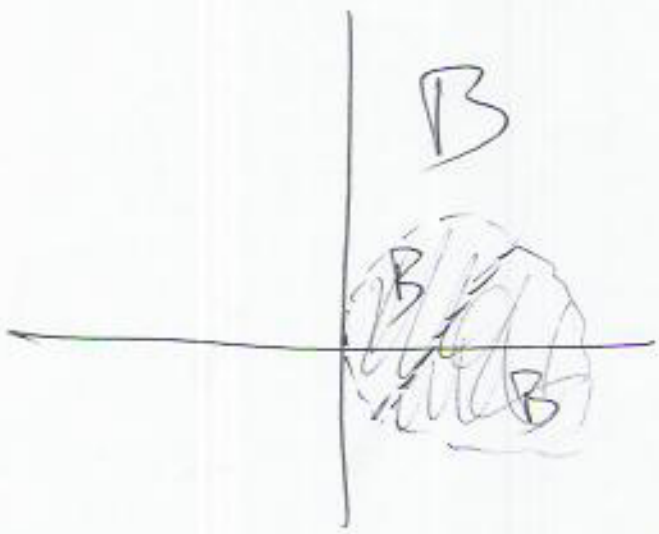
infinitely many $-1/k$ (10)

$\therefore$ 5i is a limit point.

ii) 0.

c).





C