Lua Jia Zheng(Tut slot 3)

A0184019E

Qns 4.

Time for the rabbit to travel 800m = 800 / 8

= 100s

Time for the rabbit to travel 200m = 200 / 8

= 25s

Distance covered by Tortoise in 25s = 0.2 \*25

= 5m

Distance to cover 995m by the = 995 / 0.2  
Tortoise = 9795s

The rabbit has to let the tortoise get 5m close or wait 9795 – 25 = 9770s before moving off.