# Problem of the Week Problem B Need for Speed? 

Toonces was driving his 1992 Tabby Car down the road at an average speed of $60 \mathrm{~km} / \mathrm{h}$. When he was 10 km from the end of the road, he was passed by his friend, Hector Gonzalez. Toonces' cat-like senses told him that Hector's car was going $15 \mathrm{~km} / \mathrm{h}$ faster than he was.


Source: carcabin.com
a) How many minutes will it take Toonces to go the last 10 km ?
b) How many minutes will it take Gonzalez to go the last 10 km ?
c) How much time will speedy guy Gonzalez save compared to Toonces over that last 10 km stretch of the road?


