Acceleration

2.2 a

Problem 1

A car is driving with a speed of 110 km/h when it slows for a monkey that is walking across the road. If the car slows to a speed of 15 km/h in 25 seconds, what is the cars acceleration?

Problem 2

A dog is walking through a forest when he sees a squirrel on the ground and chases after it. What is the dogs' initial speed if it takes him 2 seconds to reach a speed of 25 m/s and he has an acceleration of 5.3 m/s²?

Problem 3

A rocket car driving with a velocity E of 2.3 m/s accelerates with an acceleration of 6.3 m/s² for 0.6 minutes. What is the cars final velocity?