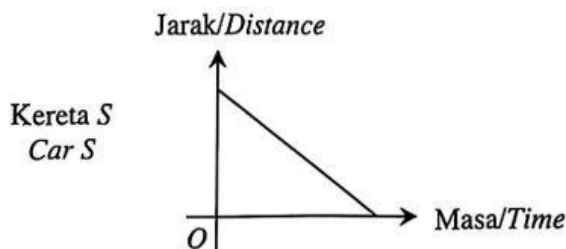
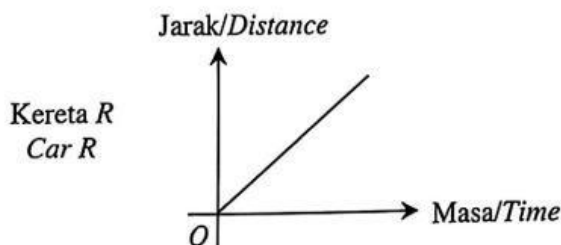
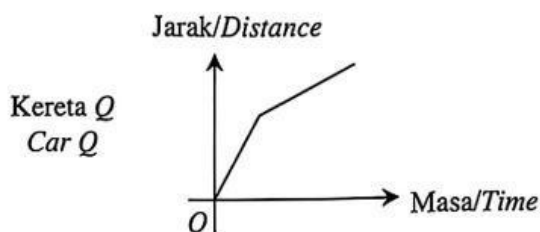
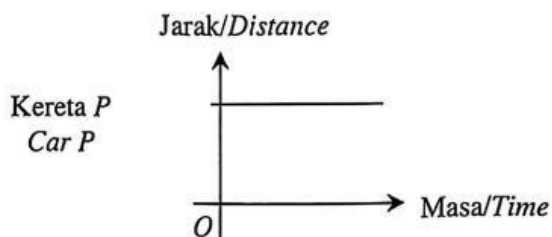


Laju dan Pecutan Speed and Acceleration

BAHAGIAN A

1. Rajah di bawah menunjukkan graf jarak-masa bagi empat buah kereta, P, Q, R dan S.
Diagram shows the distance-time graphs of three cars, P, Q, R and S.



Kereta manakah yang bergerak dengan laju tak seragam?

Which of the car moves with non-uniform speed?

- A Kereta P/Car P B Kereta Q/Car Q
C Kereta R/Car R D Kereta S/Car S

2. Sebuah kereta bergerak dengan kelajuan 110 km/j. Hitung jarak, dalam km, yang dilalui oleh kereta itu dalam masa 1 jam 24 minit.

A car moves at a speed of 110 km/h. Calculate the distance, in km, travelled by the car in 1 hour 24 minutes.

- A 135 B 154
C 160 D 178

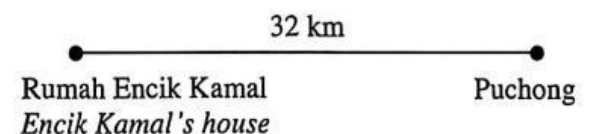
3. Sebiji bola dilepaskan daripada bumbung sebuah bangunan. Bola itu sampai ke tanah dengan laju 14.7 m s^{-1} selepas 1.5 saat. Hitung pecutan, dalam m/s^2 , bola itu.

A ball is released from a roof of a building. The ball reaches the ground with a speed of 14.7 m s^{-1} after 1.5 seconds. Calculate the acceleration, in m/s^2 , of the ball.

- A 0.10 B 1.0
C 8.9 D 9.8

4. Rajah di bawah menunjukkan jarak di antara rumah Encik Kamal dengan Puchong.

The diagram shows the distance between Encik Kamal's house and Puchong.



Encik Kamal meninggalkan rumahnya pada pukul 7:30 a.m. ke Puchong dengan laju purata 96 km/j. Selepas satu jam, Encik Kamal memulakan perjalanan pulanginya. Bilakah Encik Kamal tiba di Puchong?

Encik Kamal leaves his house at 7:30 a.m. to Puchong at an average speed of 96 km/h. After one hour, Encik Kamal starts his return journey. At what time does Encik Kamal reach Puchong?

- A 8.50 a.m. B 8.30 a.m.
C 7.50 a.m. D 7.30 a.m.