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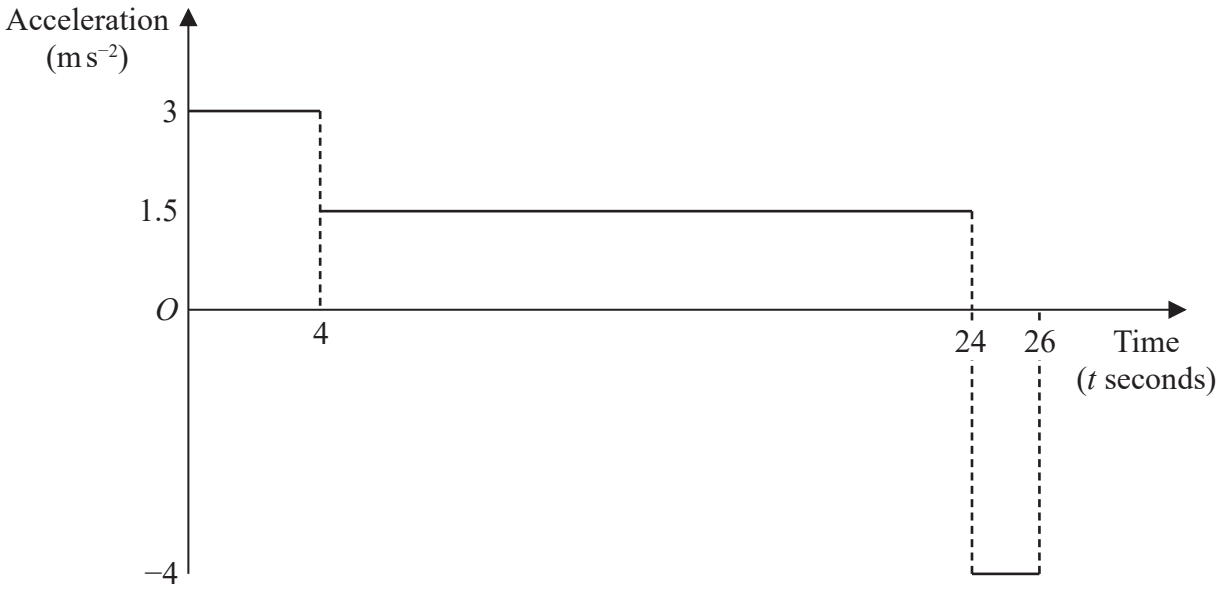


Figure 5

The acceleration-time graph shown in Figure 5 represents part of a journey made by a car along a straight horizontal road. The car accelerated from rest at time $t = 0$

(a) Find the distance travelled by the car during the first 4 s of its journey.

(2)

(b) Find the total distance travelled by the car during the first 26 s of its journey.

(6)

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