

Exercises

- 11** Sketch a velocity–time graph for a body starting from rest and accelerating at a constant rate to a final velocity of 25 m s^{-1} in 10 seconds. Use the graph to find the distance travelled and the acceleration of the body.
- 12** Describe the motion of the body whose velocity–time graph is shown in Figure 2.23. What is the final displacement of the body?

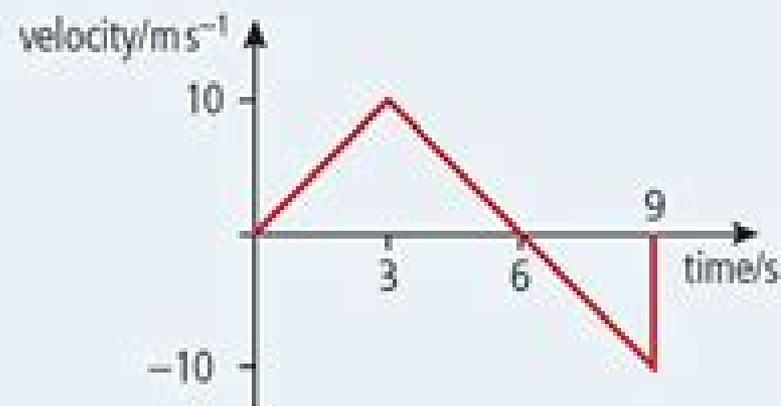


Figure 2.23

- 13** A ball is released from rest on the hill in Figure 2.24. Sketch the s - t , v - t , and a - t graphs for its horizontal motion.



Figure 2.24.

- 14** A ball rolls along a table then falls off the edge landing on soft sand. Sketch the s - t , v - t , and a - t graphs for its vertical motion.

Body Velocity

Camilla Rothe



Body Velocity:

Body Velocity Book Review: Unveiling the Power of Words

In a world driven by information and connectivity, the power of words has become more evident than ever. They have the ability to inspire, provoke, and ignite change. Such may be the essence of the book **Body Velocity**, a literary masterpiece that delves deep into the significance of words and their effect on our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book's key themes, examine its writing style, and analyze its overall effect on readers.

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