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Answer ALL questions.

- 1 (a) Which of these is a scalar quantity?

(1)

- ☐ A weight
- ☐ B mass
- ☐ C momentum
- ☐ D velocity

- (b) Which of these is a vector quantity?

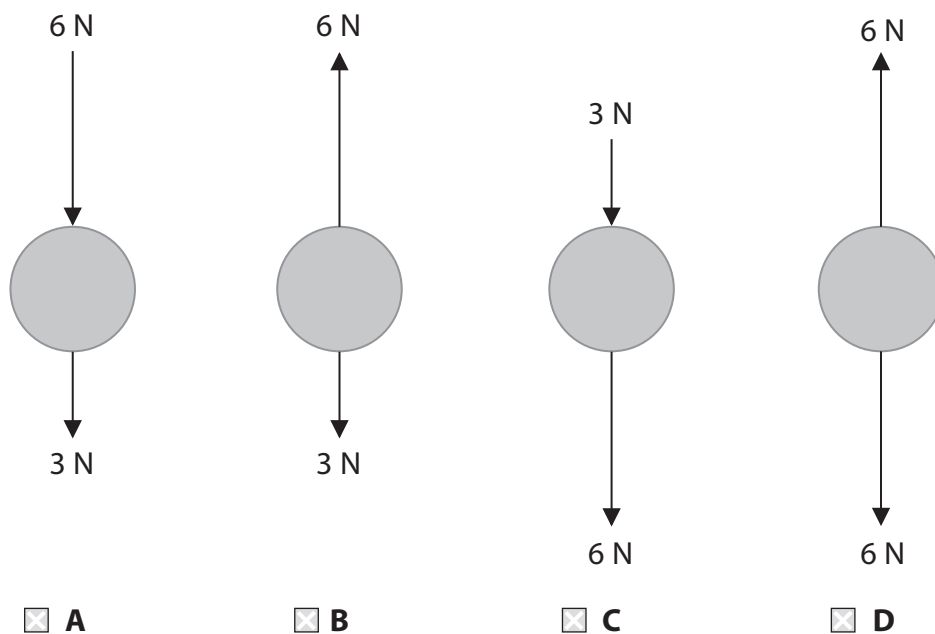
(1)

- ☐ A acceleration
- ☐ B temperature
- ☐ C charge
- ☐ D density

- (c) The diagrams show the forces acting on four balls falling in air.

Which diagram shows a ball decelerating as it falls?

(1)



(Total for Question 1 = 3 marks)



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