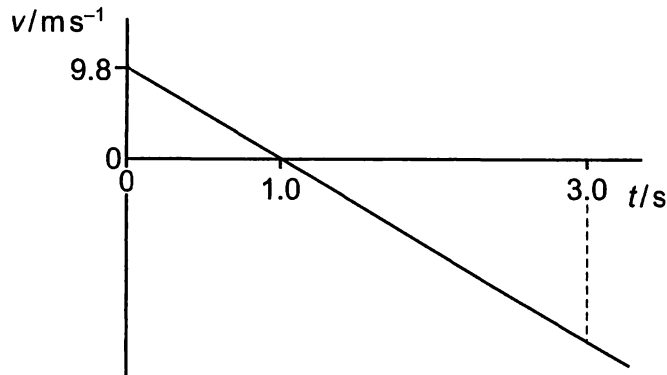


- 4 A stone is thrown vertically upwards from a point X with a speed of  $9.8 \text{ m s}^{-1}$ . It then moves freely under gravity for 3.0 s. The stone's velocity  $v$  varies with time  $t$  as shown in the graph.



What will be the stone's position in relation to X after 3.0 s?

- A 15m above X
- B 15m below X
- C 20m above X
- D 20m below X