

SECTION 1 — 20 marks

Attempt ALL questions

1. A car is moving at a speed of 2.0 m s^{-1} .

The car now accelerates at 4.0 m s^{-2} until it reaches a speed of 14 m s^{-1} .

The distance travelled by the car during this acceleration is

- A 1.5 m
- B 18 m
- C 24 m
- D 25 m
- E 48 m.