

- 9 A ship of mass $8.4 \times 10^7 \text{ kg}$ is approaching a harbour with speed 16.4 ms^{-1} . By using reverse thrust it can maintain a constant total stopping force of $920\,000 \text{ N}$.

How long will it take to stop?

- A 15 seconds
- B 150 seconds
- C 25 minutes
- D 250 minutes

- 10 A tractor of mass 1000 kg is connected by a tow bar to a trailer of mass 1000 kg . The total