

$$\begin{aligned} \textcircled{2} \quad & 81 \text{ km hr}^{-1} \\ &= 81\,000 \text{ m hr}^{-1} \\ &= \frac{81\,000}{60 \times 60} \text{ m s}^{-1} \\ &= \underline{\underline{22.5 \text{ m s}^{-1}}} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 22 \text{ m s}^{-1} \\ &= \frac{22}{1000} \text{ km s}^{-1} \\ &= \frac{22}{1000} \times 3600 \text{ km hr}^{-1} \\ &= \underline{\underline{79.2 \text{ km/hr}}} \end{aligned}$$

$$\begin{aligned} \textcircled{16} \quad & s = 1500 \text{ m} \\ & t = 3 \text{ m } 33 \text{ s} \\ &= (3 \times 60 + 33) \text{ s} \\ &= 210 \text{ s} \end{aligned}$$

$$\begin{aligned} v &= \frac{s}{t} \\ &= \frac{1500}{213} \\ &= 7\frac{3}{71} \text{ m/s} \\ &= \underline{\underline{7.04 \text{ m/s}}} \end{aligned}$$