

- Speed =  $\frac{\text{Distance}}{\text{Time}}$
- Distance = Speed  $\times$  Time
- **Average speed (equal distances)**  
 $\frac{2ab}{a + b}$
- Relative speed:
  - Same direction  $\rightarrow |a - b|$
  - Opposite direction  $\rightarrow a + b$
- 1 m/s = 3.6 km/h
- 1 km/h =  $\frac{5}{18}$  m/s