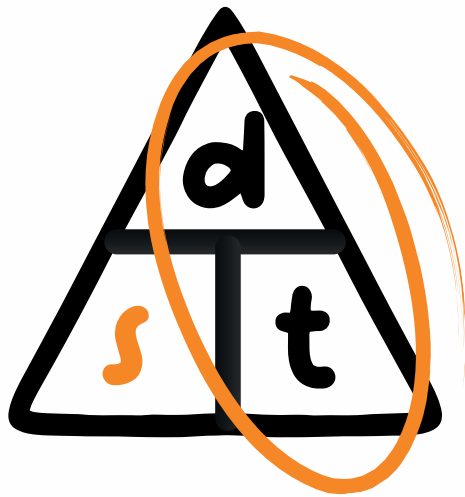


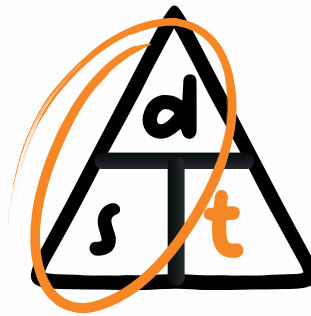


SPEED, DISTANCE & TIME

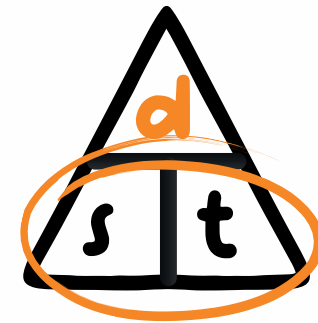
SPEED: This is the distance travelled in one unit of time.



$$\text{SPEED} = \frac{\text{Distance}}{\text{Time}}$$



$$\text{TIME} = \frac{\text{Distance}}{\text{Speed}}$$



$$\text{DISTANCE} = \text{Speed} \times \text{Time}$$

Speed is often measured in:

- kilometres per hour (km/h),
- metres per second (m/s) or
- miles per hour (mph).

$$\frac{\text{Kilometres}}{\text{Hour}} = \frac{\text{Metres}}{\text{Seconds}}$$

$\times 1000$ (from Kilometres to Metres)
 $\times 3600$ (from Hour to Seconds)