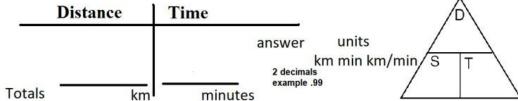
You must put the numbers in the triangles and formulas.

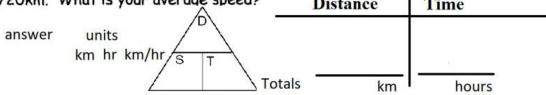
11. Jasmine walks 4km in 30 minutes before she decides to take a 10 minute break. Jasmine walks another 6km in 45 minutes. What is Jasmine's average speed?

Distance | Time



12. You drive a distance of 480km in your 1954 T-Bird in 3 hours, you decide to stop and eat, and that takes you 1 hour. You drive again for 4 hours and go 720km. What is your average speed?

Distance | Time



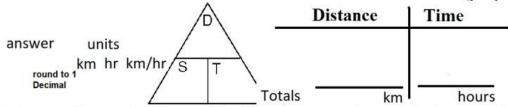
13. Your driving your new Dodge Viper you accelerate from 50m/sec to 150m/sec in 2 seconds. What is your average acceleration?

$$\begin{array}{c|c}
\hline
\textbf{E.S - B.S.} & m/s - m/s \\
\hline
\textbf{Time} & sec & units \\
m s m/s m/s^2
\end{array}$$

14. Your learning how to drive in a Ford pickup, your speed is 60km/hour, you approach a school and slow down to 35km/hour in 36 sec. What is your average acceleration?

E.S - B.S.
$$\frac{\text{km/s} - \text{km/s}}{\text{Time}}$$
 $\frac{\text{km/s} - \text{km/s}}{\text{sec}}$ $\frac{\text{km/s} + \text{km/s}}{\text{sec}}$ $\frac{\text{km/s} + \text{km/s}}{\text{sec}}$ $\frac{\text{km/s} + \text{km/s}}{\text{sec}}$

15. A train leaves Los Angles for San Francisco. The first 6 hours the train travels 480km, before it slows down and goes 60km in the next hour. The train is able to travel 170km in the last 2 hours. What is the average speed?



16. Your walking at 5m/sec and decide to start running at 20m/sec, it takes you 10 seconds to go from the walk to the run. What is your average acceleration?

Time
$$m/s - m/s = units m s m/s m/s^2$$