

01/28

## Describing motion with Time

#3



Mrs frearson drove to the Summit to ski and it took her 40 mins (0.6hours). The distance she travelled was 25miles.

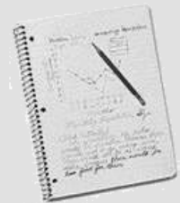


Figure 1

1. How fast did she drive?
- 2 After skiing she drove at the same speed for 3 more hours. How much further did she travel?

$$d = S \cdot \Delta t$$

$$S = \frac{d}{\Delta t}$$

$$S = \frac{25 \text{ mi.}}{0.6 \text{ hours}}$$

$$S = 41.66 \text{ mi/hr}$$

- 1) Write equation
- 2) Substitute with units
- 3) Solve
- 4) Box answer with units

Learning Target: I can use an equation to calculate the motion of an object.

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## Time/Distance Interval Poster

For each have: name of time interval

Illustration

Description and example

**Learning**

**Target:** *I can identify different time and distance intervals with words and images..*



