

3 Speed



The subway train travels 6 miles in 5 minutes in one segment of a journey.

At this rate, how far does the train travel in an hour?

5 min \rightarrow 6 mi
10 min \rightarrow 12 mi
60 min \rightarrow 72 mi

Alternatively,

5 min \rightarrow 6 mi
1 min $\rightarrow \frac{6}{5}$ mi
60 min $\rightarrow \frac{6}{5} \times 60$



We say that the **speed** of the train is 72 miles per hour.



72 miles/hour



It is written like this.



Often, you see it written as 72 mph.