1) A car is traveling at 50 miles per hour (mph) for 2 hours. The car travels 100 miles. Identify the information.

2) A giraffe is galloping at 15 meters per second (m/s). It does this for 40 seconds (s). How far has the giraffe gone? Answer: 600 meters (m)

3) A car travels 400 miles in 10 hours. What was the average speed of the car? Answer: 40 mph

4) A person walks at a speed of 3 m/s. They travel 720 m. How many seconds did this take? How many minutes did it take? Answer: 240 seconds, 4 minutes

$$\frac{720}{3} = 240$$
 seconds $\times \frac{1}{60}$ minute $\frac{240}{60}$

5) A car is traveling at 80 mph. How far does it go in 30 minutes? Answer: 40 miles

6) A car travels at 30 m/s for 15 minutes. How far has it gone? Answer: 27,000 m

7) Give the symbol form for the following.

<u>Information</u>	<u>Units</u>
Distance Time Speed Speed	Meters M Seconds S Miles per hour Mph Meters per second MS

d=vt

d=(30)(900)

d=[27,000m