**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Average Speed**

***Solve the following problems using the average speed equation v=d/t***

***Show all work***

1. You leave San Diego for Disneyland for the weekend. Google Maps calculates the distance to be 100 miles. It takes you 2 hours to get there. What is your average speed?
2. Once you check into your swanky hotel room, your best friend wants to walk over to the Stadium and see an Angels game. You walk for three hours and you cover 6 miles total. What is your average walking speed?
3. After the game, you get hungry. Your parents decide to drive to a nice steakhouse on the other side of town. You drive 10 miles in 30 minutes, eat for 2 hours, and drive 10 miles back to the hotel in 30 minutes. What is your average speed?
4. On the way home to San Diego, you fall asleep. The tripometer on the dashboard reads 100 miles. Your mom says your were driving at a constant rate of 40 mph on the way home. How long were you driving home for?
5. You forgot to bring a giant sucker home for your physics teacher- Mr. C. You drive all the way back up to Disneyland, buy a sucker, and drive back home. The whole round trip takes you 4 hours. What was your average speed?