

# 4.1 SPEED

- The term *speed* describes how quickly something moves.
- Speed = Distance / Time
- The units for speed are distance units over time units.



# AVERAGE SPEED

- When you divide the total distance of a trip by the time taken you get the *average speed*.
- On this driving trip around Chicago, the car traveled and average of 100 km/h.



# INSTANTANEOUS SPEED

- The instantaneous speed is the *actual* speed an object has at any moment.
- A speedometer shows a car's *instantaneous speed*.

