

NAME:

PERIOD:

DATE:

## SPEED PROBLEMS 2

FOR ALL CALCULATIONS, if you want credit:

**WRITE FORMULA.**

**SHOW SUBSTITUTIONS.**

**LABEL ANSWER.**

**CIRCLE ANSWER.**

1. Rover the dog walked across the field in 12 seconds. The path he took was 60 feet long. What was his speed?

2. In order to describe Rover' speed as an **instantaneous speed**, what would have had to have happened?

3. *The Mystery Machine was rumbling down the road towards Creepsburg. From the "Welcome to Creepsburg" sign until they got to the Haunted Hill Diner, Fred drove exactly the same speed... 45 mph.*

*"Like, is your foot locked in place or something, Fred?" Shaggy asked from the back of the van.*

**Infer** from the story a type of speed. **Explain** what type of speed they are going at.

4. Homer and Bart need to make it to Bart's community service. They have only half an hour to get there, and its 50 miles away.

Homer says that the top speed of the car is 30 miles/hour.

Can they make it to Bart's community service on time? Answer "Yes" or "No" then prove it with a calculation.

