



Name \_\_\_\_\_

## **The Speeding Ticket**

1. In Vermont, the speeding ticket formula is  $F = 4m + 10$ . What is the difference in the cost of a speeding ticket in Vermont and Connecticut for someone driving 85 mph? Show all work involved in solving this problem.

2. The fine for speeding on the Florida highway is \$4.25 per mile above the legal limit plus an additional \$71.50. Write a formula that could be used to calculate the speeding fine for any speed over the legal limit of 70 mph.

3. If you were fined for traveling 88 mph, how much would your ticket be in each of the following states? Show all your work!

Florida -

Vermont -

Connecticut -