Name $\qquad$



1) Mrs. Gumas bakes $1 \frac{1}{2}$ batches of cookies in $3 / 4$ of an hour. How many does she bake per hour?
2) The two figures are similar. What are $x$ and $y$ equal to?

3) How tall is the pole?

4) You are lost and ask someone for directions. He draws a quick map for you and tells you that $\mathbf{1 1} \mathbf{~ c m}$ : $\mathbf{3 2}$ meters. If the distance to your destination is $\mathbf{8 8} \mathbf{~ c m}$ on the map, how far away are you from your destination in meters?
5) A car travels 320 miles in $\mathbf{8}$ hours. What is the unit rate?
6) What is the unit rate in the graph below?

## Misty Mountain Storm


8) Mr. Keohan fills his gas tank up with 6 gallons of premium unleaded gas for a cost of $\boldsymbol{\$ 2 5 . 5 8}$. How much would it cost to fill an 18 gallon tank?
9) Which bottle of shampoo is the better buy?


