Regional Educational Laboratory At SRI International

Preparing All Students for Algebra: Applying Research-Based Strategies

## Handout 7: Sam's Motorcycle



Sam bought a used motorcycle. It was on sale because it could not go very fast.
Sam was able to go 30 miles in $\frac{3}{4}$ of an hour.
a) How far can he go in 1 hour? Use a double number line to help solve this problem.

Explain your solution.
Miles

b) How far can he go in $3 \frac{1}{2}$ hours?

Use a double number line to help solve this problem.
Explain your solution.
Miles


Hours

