![REL Appalachia logo] **REL APPALACHIA** Regional Educational Laboratory At SRI International

Algebra for All:
Focus on Visual Representations Webinar
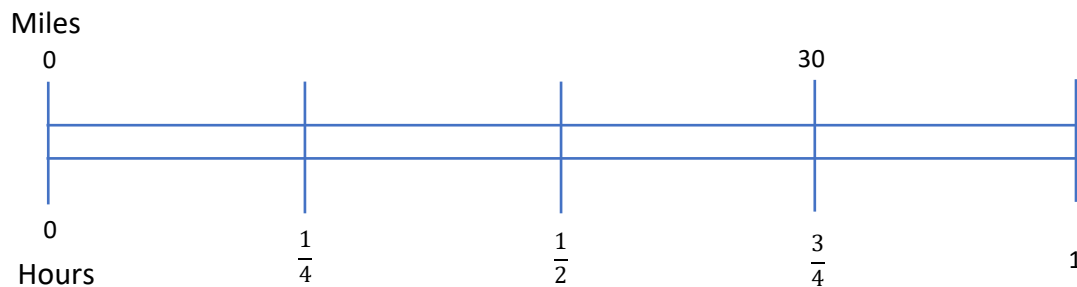October 17, 2018, 3:30 p.m. – 5:00 p.m.

Handout #3: 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

0   30

0                    $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ 1

Hours

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