

11/19/13

SPEED

$$\text{SPEED} = \frac{\text{DISTANCE}}{\text{TIME}}$$

$$= \frac{\text{THE } \underline{\text{TOTAL LENGTH}} \text{ OF THE PATH TRAVELLED}}{\text{TIME}}$$

A SLUG SLIMES DOWN THE ROAD FOR 2 METERS. THEN THE SLUG TURNS AND SLIMES ANOTHER 13 METERS. ALL OF THIS TAKES 95 MINUTES. WHAT WAS THE SLUG'S SPEED?

$$\text{SPEED} = \frac{\text{DISTANCE}}{\text{TIME}}$$

$$= \frac{2 + 13}{95} = \frac{15}{95} = \boxed{.158 \frac{\text{m}}{\text{min}}}$$