11/19/14
$$V = \frac{1}{t}$$

$$SPEED = \frac{DISTANCE}{TIME}$$
THE TOTAL LENGTH OF
$$= \frac{THE TOTAL LENGTH OF}{THE PATH TRAVELLED}$$
THE TIME IT TAKES

EXAMPLE: A SLUGGING DOWN THE ROAD. THE SLUG TRAVELS 2 METERS AND STOPS TO LET AN EARTH WORM BY. THEN, THE SLUG TURNS LEFT AND MOVES 13 METERS. IF IT TAKES THE SLUG 7,342 SECONDS TO DO ALL THIS, WHAT WAS THE SLUG'S AVERAGE SPEED.

$$SPEED = \frac{DISTANCE}{TIME} = \frac{(2+13)}{7,342} = .002043 \frac{m}{5}$$

FOR #6:

HINT TOTAL DISTANCE

TOTAL TIME

TOTAL TIME

TOTAL TIME

TOTAL TIME

$$V = \frac{15}{4}$$
 $V = \frac{15}{4}$
 $V = \frac{15}{4}$



