

Name

8/18/16 or

8/22/16

Alg I

# Write Expressions

I can translate verbal phrases into expressions.

Example 4 1/5:

$$4) \frac{.1 \text{ mile}}{90 \text{ seconds}} \times \frac{60 \text{ seconds}}{1 \text{ minute}} = \frac{6 \text{ miles}}{90 \text{ minutes}}$$

Ch. 1 Quiz

9/2

$$\frac{.067 \text{ mile}}{1 \text{ minute}}$$

$$3 + .067 \text{ m}$$

$$3 + .067(15) = 3 + 1 = 4 \text{ miles}$$

\* Complete Skills practice pg. 18, #4-12E and 22, 23

Lesson 1.3, pg. 18

Find unit rate in feet per second:

$$22) \frac{300 \text{ yds}}{1 \text{ minute}} \cdot \frac{1 \text{ minute}}{60 \text{ seconds}} \cdot \frac{3 \text{ feet}}{1 \text{ yd}} = \frac{900 \text{ ft}}{60 \text{ seconds}}$$

$$\boxed{\frac{15 \text{ ft}}{1 \text{ second}}}$$

$$23) \frac{240 \text{ yds}}{1 \text{ hr}} \cdot \frac{1 \text{ hr}}{60 \text{ minutes}} \cdot \frac{1 \text{ minute}}{60 \text{ seconds}} \cdot \frac{3 \text{ feet}}{1 \text{ yd}} = \frac{720 \text{ feet}}{3600 \text{ seconds}}$$

$$\boxed{\frac{0.2 \text{ feet}}{1 \text{ second}}}$$