Name: _____ Period: _____ Date: _____

Module 2 - Topic C, Lesson 23:
Solving Equations Using Algebra (P)

Direction: Read, understand and analyze each problem.

3.) Ali was earning $15 an hour as a landscaper's assistant. She just received a 10% raise. What is Ali's new hourly rate?

a. What is asked (Select one)?

- Ali's raise.
- Ali's earning.
- Ali's new hourly rate.

b. What are given?

- Ali's old hourly rate is _____.
- Ali's rate is _____ % her old rate.
- Ali's new hourly rate is the total of her _____ rate and the _____.

c. Complete the equation and solution.

$x = \$15 + (0.10 \times \$15)$

$x = \$$ _____ + $ _____

$x = \$$ _____

d. What is the final answer?

Ali's new hourly rate is $ _____.

LIVEWORKSHEETS