

Name: Kay - Miss Ryan

Date: _____

Unit 1 Concept 3 Quiz

Evaluate each expression. Name the property used in each step.

10 points total. $\frac{1}{2}$ pt per step in evaluation and $\frac{1}{2}$ pt per justification.

1. $4 - 3[7 - (2 * 3)]$

Work

$4 - 3[7 - (2 * 3)]$

$4 - 3[7 - 6]$

$4 - 3[1]$

$4 - 3$

1

Justification

given

substitution

substitution

identity prop of (x)

substitution

2. $15 * 1 - 9 + 2(15 \div 3 - 5)$

Work

$15 * 1 - 9 + 2(15 \div 3 - 5)$

$15 * 1 - 9 + 2(5 - 5)$

$15 * 1 - 9 + 2(0)$

$15 - 9 + 2(0)$

$15 - 9 + 0$

$6 + 0$

6

Justification

given

substitution

substitution

identity prop of (x)

zero prop of (x)

substitution

identity prop of +