

Name: _____ Date: _____ Period: _____

Algebra 1CP Unit 1 practice quiz – Fall 2016

Show your work and write your answer in the space provided

Simplify the following expressions using the order of operations

1) $8 + 2 \cdot 5 - 9 \div 3$

2) $5^2 - 2(4^3 + 6 \cdot 8)$

3) $\frac{-3 + \sqrt{7^2 - 3(2)(4)}}{2(3)}$

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

EC) _____

Solve the following one-step equations

4) $m + 4 = -12$

5) $14b = -56$

Solve the following two-step equations

6) $-7 + 9x = -7$

7) $\frac{n}{2} - 10 = -6$

8) $\frac{v+9}{3} = 8$

9) $\frac{28}{x-2} = 4$

Solve the following equations; you may use the distributive property

10) $2(n + 5) = -2$

11) $\frac{2}{3}(6x - 9) = -34$

Extra credit: Solve the following equation

$126 = -7x - 5(-7x + 14)$