Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table# \_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_

**1.0A Solving Equations\_Homework**

*Objective: use operations to solve multi-step equations; use the distributive property to solve multi-step equations CC.SS.8.EE.7a & 7b*

COMBINING LIKE TERMS

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| Examples: 3n + 8 + 7n = **10n + 8** -2 + 4(2 + 8v) = -2 + 8 + 32v =  **32v + 6** |
| 1. 2x + 11 + 6x
 | 1. -4 + 7(1 + 3m)

  |

SOLVING EQUATIONS - - show all work for credit

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| --- |
| Examples: $\frac{a}{18}=5$ 5x + 3x – 4 = 20 $18 ∙ \frac{a}{18 }=5 ∙18$ 8x – 4 = 20 a = 90 8x = 24 x = 3  |
| 1. 26 = 8 + y
 | 1. x – 7 = 13
 |
| 1. $ \frac{m}{7}=8$
 | 1. 4x + 3x – 2 = 12
 |

Solutions: 3) 18 4) 20 5) 56 6) 2

1.0 HW – Examples

Combining Like Terms

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| Examples: 3n + 8 + 7n = -2 + 4(2 + 8v) = |

SOLVING EQUATIONS

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| Examples: $\frac{a}{18}=5$ 5x + 3x – 4 = 20 |