

TEAM BIPS

Name:

Algebra Worksheet 3: Three-Step Equations

Date: \_\_\_\_\_

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Like Terms

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1.)  $3x + 2 + 7x = 82$     Verify:

2.)  $18 = 5x + 2x + 4$     Verify:

3.)  $7 + 2x + 3x = 22$     Verify:

4.)  $2x + 6 + 2x = 22$     Verify:

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Variables on Both Sides

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5.)  $4 + 4x = 3x + 8$     Verify:

6.)  $2x + 8 = 10 + x$     Verify:

7.)  $7 + 6x = 9x - 2$     Verify:

8.)  $5 + 5x = 3x + 13$     Verify:

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The Distributive Property

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9.)  $2(2 + 5x) = 124$     Verify:

10.)  $2(2 + 5x) = 24$     Verify:

11.)  $2(4 + 3x) = 20$     Verify:

12.)  $7(1 + 6x) = 49$     Verify: