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

**3.5A Solving Two-Step Equations\_Classwork**

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| --- |
| ***REVIEW***  Evaluate the expressions below. Show your steps  1) 2)  3. For problem 1 and 2, did you get the same value for both expressions? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    4. Which operation did you perform first in each expression? Why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

***Vocabulary***

Chose the best term from the list to complete each sentence.

**\*isolate the variable \*equation \*inverse operations**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are mathematical operations that undo each other.
2. To solve an equation you need to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a mathematical statement that two expressions are equivalent.

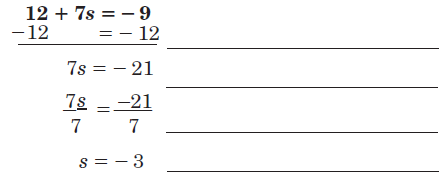
***Solve Two-Step Equations:***

1. use order of operations to simply PEMDAS

2. use distributive property 2(x+3) = 2x + 6 to simplify

3. undo ADDITION/SUBTRACTION (remove constant terms)

4. undo the MULTIPLICATION/DIVISION (to remove coefficient)



*Solve each equation. Show your check.*

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| 1. **Check** | 1. **Check** |
| 1. **Check** | 1. **Check** |
| 1. **Check** | 1. **Check** |
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