

NAME \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

# Section 1.3

## ALGEBRA

### Solving Two Step Equations: Practice A

1.  $3x - 3 = 15$
- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
  - can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
  - what side of the new equation is the variable on? \_\_\_\_\_
  - Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
  - Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
  - Circle your answer!

2.  $2n + 5 = 11$
- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
  - can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
  - what side of the new equation is the variable on? \_\_\_\_\_
  - Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
  - Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
  - Circle your answer!

3.  $21 = -3 + 8p$
- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
  - can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
  - what side of the new equation is the variable on? \_\_\_\_\_
  - Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
  - Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
  - Circle your answer!

4.  $7e + 2 = 3 + 6$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

5.  $5 - 3 = -2y$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

6.  $10k + 2 = 22$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

7.  $2v - 2 = 8$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

8.  $12 + 7 = 4x - 3$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

9.  $15 = 6 - 3r$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

10.  $4h + 1 - h = 3 + 7$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

11.  $11 = 2c - 3$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!

12.  $-4a + 5 = 13$

- can you combine like terms on the LHS? \_\_\_\_\_ (do it!)
- can you combine like terms on the RHS? \_\_\_\_\_ (do it!)
- what side of the new equation is the variable on? \_\_\_\_\_
- Is there a number being added or subtracted to THAT side? \_\_\_\_\_  
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? \_\_\_\_\_  
(get rid of it! Divide)
- Circle your answer!