Name _____ Date _____ Period _____

LESSON 8-2 · WARM-UP

Warm-Up Practice

Write and Solve Equations Using Addition or Subtraction

THE MOVE

what this page practices

Undo an addition or subtraction to find the unknown

See what was done to the letter. Do the opposite to both sides. Adding undoes subtracting, and subtracting undoes adding.

Check by substituting the answer back in

Put your answer in place of the letter and work out that side. If it equals the other side, the answer is right.

WORKED MODEL

we do this one together

Step 1	m − 11 = 25
Step 2	11 was subtracted, so add _____ to both sides.
Step 3	m = _____
Step 4	Check: _____ − 11 = 25

YOUR TURN

8 items · about 10 minutes

1. x + 7 = 19. x = _____. Check: _____ + 7 = 19

ANSWER _____

2. n − 6 = 14. n = _____. Check: _____ − 6 = 14

ANSWER _____

3. a + 25 = 40. a = _____. Check: _____ + 25 = 40

ANSWER _____

4. b − 18 = 32. b = _____. Check: _____ − 18 = 32

ANSWER _____

5. c + 3.5 = 9.2. c = _____. Check: _____ + 3.5 = 9.2

ANSWER _____

6. d − 1/4 = 1/2. d = _____. Check: _____ − 1/4 = 1/2

ANSWER _____

7. y + _____ = 31, and y = 19. What number goes in the blank? _____

ANSWER _____

8. A book costs $14. After buying it, Maya has $9 left. Write an equation for the money m she started with, then solve. _____

ANSWER _____