Name_____

Date_____

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**Working Backward with Addition, Subtraction, Multiplication, and Division**
## *Word Problems*
(4.OA.3)

**Directions**: Solve the following using numbers, pictures, and words. ☺

| | |
|---|---|
| ❶ **N** is a number. When added to 24, the sum is then divided by 4. The quotient is 9. What is **N**? | ❷ **X** is a number. When subtracted from 90, the difference is then divided by 3. The quotient is 25. What is **X**? |

Key

**1** $24 + N = ?$
$? \div 4 = 9$

$9 \times 4 = 36$
$36 - 24 = 12$
$N = 12$

**2** $90 - x = ?$
$? \div 3 = 25$

$25 \times 3 = 75$
$90 - 75 = 15$
$X = 15$