



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. 😊

① **W** is a number. When subtracted from 28, then multiplied by 7, the product is 168. What is **w**?

② **U** is a number. When added to 52, then divided by 9, the quotient is 8. What is **u**?

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Key

1 $28 - w = ?$
 $? \times 7 = 168$

$$168 \div 7 = 24$$
$$28 - 24 = 4$$
$$w = 4$$

2 $52 + u = ?$
 $? \div 9 = 8$

$$8 \times 9 = 72$$
$$72 - 52 = 20$$
$$u = 20$$