



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 **F** is a number. When added to 5, the sum is then divided by 7, the quotient is 15. What is **f**?

② **G** is a number. When subtracted from 39, then multiplied by 3, the product is 99. What is **g**?

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Key

1 $5 + f = ?$
 $? \div 7 = 15$

$$15 \times 7 = 105$$
$$105 - 5 = 100$$
$$f = 100$$

2 $39 - g = ?$
 $? \times 3 = 99$

$$99 \div 3 = 33$$
$$39 - 33 = 6$$
$$g = 6$$