

## Two-Step Equations: Word Problems (2 out of 6)

Drag the steps of the word problem to the appropriate blanks:

2. Sara spent half of her allowance going to the movies. She washed the family car and earned \$9. What is her weekly allowance if she ended with \$12?

STEPS:

constant number => add

$$\frac{a}{2} + 9 = 12$$

final amount

divide by 2

$a$  = allowance (in dollars)

**1st, define a variable:**

Sara spent half of her allowance going to the movies. She washed the family car and earned \$9. What is her weekly allowance if she ended with \$12?



**2nd, look for numbers and clues to operations:**

Sara spent half of her allowance going to the movies. She washed the family car and earned \$9. What is her weekly allowance if she ended with \$12?

**3rd, write an equation:**

Amount left after movies + amount earned = final amount