



Algebraic Equations

Math

Name _____ Class _____ Date _____

1 To solve the equation, $m + 4 = 28$, which operation should be used? Underline it.

addition

subtraction

multiplication

division

2 Solve this equation using inverse operations.

$$n - 7 = 35$$

6 Solve this equation using inverse operations.

$$6n - 12 = 42$$

7 Solve this equation using inverse operations.

$$4n = 32$$

3



4

PREVIEW

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multiplication

division

5 Solve the equation.

Two times n plus twenty-eight equals ninety-six.

10 If $P = \$25,000$, $t = 2$ years, and the interest received is $\$5,500$, what is the **annual interest rate**? Circle it.

$$I = P \cdot r \cdot t$$

1.1%

2.2%

11%

22%



Algebraic Equations - Answer Key

Math

Name _____ Class _____ Date _____

- 1 To solve the equation, $m + 4 = 28$, which operation should be used? Underline it.

addition

subtraction

multiplication

division

- 2 Solve this equation using inverse operations.

$$n - 7 = 35$$

- 6 Solve this equation using inverse operations.

$$6n - 12 = 42$$

$$6n = 42 + 12$$

$$n = 54 \div 6 = 9$$

- 7 Solve this equation using inverse operations.

$$4n = 32$$

3



PREVIEW

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4

multiplication

division

- 5 Solve the equation.

Two times n plus twenty-eight equals ninety-six.

$$2n + 28 = 96$$

$$2n = 96 - 28 = 68$$

$$n = 68 \div 2 = 34$$

- 10 If $P = \$25,000$, $t = 2$ years, and the interest received is $\$5,500$, what is the **annual interest rate**? Circle it.

$$I = P \cdot r \cdot t$$

1.1%

2.2%

11%

22%