Name _____

Reteaching
13-2

Solving Addition and Subtraction Equations

Inverse operations are opposite operations that undo each other. Addition and subtraction have an inverse relationship.

1. Use inverse operations to find the value of n in the following equation.

$n + 5 = 8$

Since $n + 5$ is equal to 8, subtract 5 from both sides of the equation to find the value of n.

$$\begin{array}{rcl} n + 5 & = & 8 \\ -\,5 & & -\,5 \\ n & = & 3 \end{array}$$

Use inverse operations to find the value of the variable in the following equations.

1. $j + 5 = 19$

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2. $u + 7 = 15$

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3. $p + 13 = 25$

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4. $c - 6 = 9$

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5. $a + 25 = 31$

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6. $v - 18 = 2$

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7. Number Sense Andrea has an equal number of apples in two baskets. There are $z + 16$ apples in one basket, and 23 apples in the other basket. How many apples should she remove from both baskets to find the value of z?

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