Name: _____

Solving One-Step Equations
Addition and Subtraction

Balance both sides of the equation by using inverse operations to get the variable alone and find its value.

examples:

$$x + 4 = 12$$
$$\underline{ - 4 \quad\quad - 4}$$
$$x = 8$$

$$d - 7 = 10$$
$$\underline{ + 7 \quad\quad + 7}$$
$$d = 17$$

*Be sure to make the same change to **both** sides of the equal sign.*

Solve each equation to find the value of the variable.

1. $25 = y + 20$

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2. $k + 22 = 37$

_____

3. $14 = x + 11$

_____

4. $g - 21 = 6$

_____

5. $h - 9 = 7$

_____

6. $b - 14 = 6$

_____

7. $18 = c + 5$

_____

8. $2 = e - 9$

_____

9. $f + 8 = 13$

_____

10. $d + 10 = 24$

_____

11. $2 + a = 11$

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12. $k + 17 = 30$

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