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:

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

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

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

Solve each equation to find the value of the variable.

_____   _____   _____

7. $18 = c + 5$ **8.** $2 = e - 9$ **9.** $f + 8 = 13$

_____   _____   _____

10. $d + 10 = 24$ **11.** $2 + a = 11$ **12.** $k + 17 = 30$

_____   _____   _____

ANSWER KEY

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:

$$x + 4 = 12$$
$$-4 \quad -4$$
$$x = 8$$

$$d - 7 = 10$$
$$+7 \quad +7$$
$$d = 17$$

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

Preview

Please log in to download the printable version of this worksheet.

KH