Two-Step Equations

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

$$8x + 3 = 35$$

$$\frac{8x}{8} = \frac{32}{8}$$

$$x = 4$$

(2)
$$\frac{y}{2} = 10$$
 (2)

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



Preview

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$$\frac{d}{6} - 3 = 7$$

$$\frac{C}{8}$$
 + 19 = 23

Two-Step Equations

$$(7)$$
 5y - 13 = 52

$$\frac{m}{3} + 8 = 20$$

$$9$$
 4d + 4 = 40



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$$\mathbf{3}j + 9 = 51$$

$$\frac{W}{8} - 5 = 4$$

$$9v + 3 = 39$$

ANSWER KEY

Basic

Two-Step Equations

$$a = 7$$

$$\frac{k}{3} + 9 = 16$$

$$(3)\frac{k}{3} = 7(3)$$

$$k = 21$$

$$8z - 7 = 33 + 7 + 7$$

$$\frac{8z}{8} = \frac{40}{8}$$

$$z = 5$$

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3 3

$$j = 14$$

w = 72

$$v = 4$$