

5.1 One Step Equations

CA #1

Name: _____

Directions: For each equation, write a verbal translation, model the situation and find the solution.

1) $h - 5 = 2$

Verbal:

Opposite:

Solution:

2) $3b = 15$

Verbal:

Opposite:

Solution:

Directions: Solve and check each equation.

3) $-4.2 = k - 5.6$

4) $\frac{b}{4} = -6$

5) $2.1 = \frac{t}{4}$

6) $7 + m = -13$

7) $-6 = -j$

8) $-18 = 6a$

9) $h - 8 = -5$

10) $-2 + k = 7$

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Corrective Assignment Answers

1) a. An unknown number minus 5 equals 2.

b. Adding 5.

c. $h = 7$

2) a. An unknown multiplied by 3 equals 15.

b. Dividing by 3.

c. $b = 5$

3) $k = 1.4$

4) $b = -24$

5) $t = 8.4$

6) $m = -20$

7) $j = 6$

8) $a = -3$

9) $h = 3$

10) $k = 9$