

SPARK Hybrid Education Center

Mathematics | Upper Level | Week 2

Solving One-Step and Two-Step Equations

Name: _____ Date: _____ Period: _____

Practice Problems

1. Solve: $x + 15 = -3$

2. Solve: $-7y = 56$

3. Solve: $m/4 = -9$

4. Solve: $2x + 7 = 19$

5. Solve: $3n - 8 = -2$

6. Solve: $x/5 + 3 = 7$

7. Solve: $-4(x - 2) = 20$

8. A number increased by 13 equals 5. Write and solve the equation.

9. Marcus earns \$12/hour. After buying lunch for \$8, he has \$28 left. How many hours did he work?

10. CHALLENGE: Solve for x: $5(x - 3) + 2x = 3(x + 1) - 4$

ANSWER KEY (Teacher Copy - Cut before distributing)

1. $x = -18$

2. $y = -8$

3. $m = -36$

4. $x = 6$

5. $n = 2$

6. $x = 20$

7. $x = -3$

8. $n + 13 = 5$; $n = -8$

9. 3 hours ($12h - 8 = 28$, $h = 3$)

10. $x = 2$

