Lesson 2.1 Practice: Solving One- and Two-Step Equations

School Launch · Algebra I · Unit 2: Solving Linear Equations · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Solve: $7x + 10 = 17$. EASY

2. Solve: $-6x + 3 = 21$. EASY

3. Solve: $-7x - 9 = -44$. EASY

4. Solve: $2(-5x - 15) + 2x = -38$. MEDIUM

5. Solve: $2(4x - 7) - 6x = -16$. MEDIUM

6. Solve: $5(-4x - 14) + 9x = -147$. MEDIUM

7. Solve: $3(-4x + 3) - 8x = 49$. MEDIUM

8. Solve: $6(4x - 9) - 6x = -36$. HARD

9. Solve: $6(2x - 4) + x = 93$. HARD

10. Solve: $4(4x - 13) + 8x = 44$. HARD