

Name _____

Solve Addition and Subtraction Equations



COMMON CORE STANDARD—6.EE.B.7
Reason about and solve one-variable equations and inequalities.

Solve the equation, and check the solution.

1. $y - 14 = 23$

2. $x + 3 = 15$

3. $n + \frac{2}{5} = \frac{4}{5}$

$$y - 14 + 14 = 23 + 14$$

$$y = 37$$

4. $16 = m - 14$

5. $w - 13.7 = 22.8$

6. $s + 55 = 55$

7. $23 = x - 12$

8. $p - 14 = 14$

9. $m - 2\frac{3}{4} = 6\frac{1}{2}$

Problem Solving



10. A recipe calls for $5\frac{1}{2}$ cups of flour. Lorenzo only has $3\frac{3}{4}$ cups of flour. Write and solve an equation to find the additional amount of flour Lorenzo needs to make the recipe.

11. Jan used 22.5 gallons of water in the shower. This amount is 7.5 gallons less than the amount she used for washing clothes. Write and solve an equation to find the amount of water Jan used to wash clothes.

12. **WRITE** *Math* Explain how to check if your solution to an equation is correct.
