

Solve each equation for x by using the appropriate properties. Show each step. Write your final answer as an integer, fraction, or mixed number.

_____ 1. $6 - x = -8$

_____ 2. $\frac{x}{8} + 5 = 9$

_____ 3. $-8x + 1 = 3$

_____ 4. $2x + 7 + x = 16$

_____ 5. $-3(x - 6) = 4$

_____ 6. $\frac{2}{3}(x - 6) = 3$

_____ 7. $1.06x - 3 = 0.71$

_____ 8. $12x + 7 = 6.5x - 15$

_____ 9. $\frac{x}{4} - \frac{3x}{2} = -\frac{1}{2}$

_____ 10. $\frac{2}{3}x - 5 + 19 + \frac{8}{9}a = 0$

_____ 11. $\frac{1}{3}[2(x - 8) + 1] = 19$

_____ 12. $5x = x - 24$

_____ 13. $x - 10 = 2x - 13$

_____ 14. $2x + 5 = 4x + 13$

_____ 15. $6x + 8 = 2x + 17$