

EXTRA PRACTICE 17

Solving Equations Using the Addition and Multiplication Principles

Use after Section 4.4

Name _____

Solve.

1. $x + 37 = 98$ _____ 2. $y - 53 = 141$ _____ 3. $59 + a = -123$ _____

4. $-72 + t = -40$ _____ 5. $-72 + t = -40$ _____ 6. $a + \frac{5}{6} = -\frac{1}{2}$ _____

7. $\frac{3}{4} + x = \frac{7}{8}$ _____ 8. $y - \frac{7}{2} = \frac{-8}{3}$ _____ 9. $48x = -192$ _____

10. $-25a = -200$ _____ 11. $-15y = 96$ _____ 12. $-\frac{1}{3}x = 48$ _____

13. $\frac{3}{2}r = -\frac{4}{5}$ _____ 14. $x - 56 = -42$ _____ 15. $15 - y = 33$ _____

16. $51 - x = -133$ _____ 17. $-31t = -93$ _____ 18. $-53 + a = 65$ _____

19. $-\frac{5}{3}b = -\frac{1}{6}$ _____ 20. $58x = -145$ _____ 21. $-89 = -27 - a$ _____

22. $\frac{x}{4} = -45$ _____ 23. $\frac{r}{-3} = \frac{1}{3}$ _____ 24. $\frac{11}{2}y = \frac{-11}{3}$ _____

25. $t + \frac{5}{8} = -\frac{3}{4}$ _____ 26. $\frac{b}{-5} = 11$ _____ 27. $-\frac{7}{8}t = -\frac{7}{8}$ _____