

B. Extra Practice. Solve the following.

1. $3x - 5 = 10$

5

2. $\frac{x}{6} + 3 = 7$

24

3. $4x - 5 = 7$

3

4. $-5x - 6 = 13$

-3.8

5. $8x + 3 = -4$

 $-\frac{7}{8}$

6. $\frac{x}{6} + 6 = -9$

-90

7. $-4x - 9 = -113$

26

8. $\frac{x}{-3} + 6 = -9$

45

9. $-3x + 7 = 21$

 $-4\frac{2}{3}$

10. $\frac{4}{3}x + 7 = 50$

 $32\frac{1}{4}$

11. $0.6x + 0.3 = 0.1$

 $-\frac{1}{3}$

12. $\frac{5}{3}x + 7 = 42$

21

13. $-8.2x + 5 = 17$

-1.4634

14. $27 = -9x + 9$

-2

15. $\frac{7}{3}x - 6 = 6$

 $5\frac{1}{7}$

16. $\frac{2}{3}x + 5 = 5$

0

17. $5x - 3 = 20$

4.6

18. $-\frac{3}{4}x + 6 = -11$

22.6

19. $3.1x + 4 = 16$

3.87096...

20. $-\frac{3}{9}x + \frac{1}{3} = \frac{4}{3}$

-3

21. $-0.6x + 7 = 14$

-11.6

22. $\frac{0.8}{0.6}x + 5 = 2$

-2.25

23. $15x + 4 = 10$

0.4

24. $10x + 0 = 10$

1

25. $3x - 5 = 6$

3.6

26. $-7x - 7 = -7$

0

27. $2x + 2 = 2$

0

28. $\frac{3}{4}x + 5 = 20$

20

29. $-3x - 8 = 20$

 $-9\frac{1}{3}$

30. $20x - 5 = 18$

1.15

31. $3x + 2 = 11$

3

32. $\frac{x}{6} - 8 = -10$

-12

33. $4x + 8 = 4$

-1

34. $x - 3.0 = 3\frac{4}{5}$

 $6\frac{4}{5}$

35. $\frac{4}{5}x = 60$

75

36. $0.2x + 3.1 = 4.1$

5

37. $\frac{x}{8} + 5 = -1.2$

-49.6

38. $-3a + 9 = 27$

-6

39. $5x - 3 = 18$

4.2

40. $14 = 3x - 6$

 $6\frac{2}{3}$

41. $27 = 5 + 2x$

11

42. $35 = -3x + 2$

-11

43. $\frac{3}{4}x - 5 = 20$

 $33\frac{1}{3}$

44. $0.5 = 0.5x - 10$

21

45. $40x + 80 = -120$

-5

46. $17x + 19 = 19$

0

47. $-x + 13 = 19$

-6

48. $2x - 7 = 0.7$

3.85