

6.2 SOLVING TYPE II EQUATIONS

A. Solve the following.

1. $3x + 2 = 14$

2. $\frac{x}{-3} + 4 = 10$

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

4. $\frac{1}{2}x - 8 = 16$

5. $5x - 0.9 = 2$

6. $\frac{1}{2}x + \frac{3}{4} = \frac{7}{8}$

7. $1.2x - 1.2 = 8.4$

8. $\frac{2}{7}x - 5 = 15$

9. $\frac{x}{7} - 8 = 10$

10. $4x + 8 = 4$

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

12. $0.2x + 0.3 = 1.4$

13. $\frac{x}{5} + 3 = -8$

14. $12 = \frac{x}{8} + 5$

15. $\frac{x}{8} + 5 = -12$

16. $-18x + 5 = 13.2$

17. $5x - 3 = 18$

18. $\frac{x}{7} - 8 = -10$

19. $14 = 3x - 5$

20. $\frac{x}{5} + 18 = 5$

21. $4x + 7 = 0.07$

22. $\frac{2}{3}x - 8 = 8$

23. $-13x + 3 = 6$

24. $-4.2x + 4 = -8$