

Algebra I
Worksheet 3-6
Mr. James

Solve each equation on a separate sheet of paper. Show all steps and circle your answers.

1. $2x + 3 = 11$

2. $6x + 9 = 33$

3. $8x + 25 = 41$

4. $-3x + 8 = 11$

5. $-7x + 17 = 31$

6. $12x - 8 = 52$

7. $9x - 10 = -19$

8. $-3x - 7 = -22$

9. $10 + 7x = 38$

10. $25 - 4x = 29$

11. $19 - 11x = -3$

12. $-12 + 14x = 30$

13. $\frac{x}{2} + 5 = 14$

14. $\frac{x}{3} - 7 = 13$

15. $\frac{x}{5} - 4 = 2$

16. $\frac{2}{3}x + 6 = 10$

17. $\frac{3}{5}x - 4 = 8$

18. $\frac{7}{2}x - 3 = 11$

19. $10 - \frac{3}{4}x = 19$

20. $-6 - \frac{6}{5}x = -6$