

Name: _____

Date: _____

Basic Skills
Multi-Step Equations

Solve the equations. Show all work and circle your answer!

1. $5x - 4 = 21$

2. $2x + 5 = -2$

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

4. $\frac{2}{3}x - \frac{2}{3} = 0$

5. $2(x - 4) = 2$

6. $2(x + 5) + 3x = 0$

7. $\frac{2}{3}x + 9 + \frac{1}{3}x = 4$

8. $11x - 3x = 12 - 20$

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

10. $3x + 2(x + 5) = 15$

11. $4x - (2x + 3) = 7$

12. $13x - 4(2x - 5) = 15$

13. $-(10 - x) = 3(x + 4)$

14. $\frac{1}{3}(6x - 9) = 2x - 3$

15. Your school band needs to buy new percussion equipment. The equipment will cost \$2000. You have collected \$800 in previous fundraisers. If you sell sandwiches at \$4 each, how many sandwiches will you need to sell to raise the remaining funds?

(Cost per Sandwich)(# of Sandwiches Sold)+Money Already Raised=Cost of Equipment