

Name: _____

Period: _____

Pre-Algebra
Multi-Step Equations

Solve each equation. SHOW ALL YOUR WORK.

1) $y - 13 = 17$

2) $-5x = 35$

3) $\frac{x}{5} = 11$

4) $3x - 2 = 19$

5) $\frac{x}{4} + 10 = 5$

6) $3x + 7 = 1$

7) $5 = -2x + 7$

8) $25a - 10 = -110$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. $-x + 6x = 20$

10. $4y + 7y = -99$

11. $10a + 1 - 8a = 81$

12. $5(x - 4) + 15 = 55$

13. $3(3x - 2) = -33$

14. $7x - 3(x - 2) = 30$

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15. $4x + 2x + 10x - 5x + 3(x - 2) = 22$

16. $5(2x + 2) - 2(x - 1) + 2x - 4 = 48$

Answers

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____