Cotuz

Name: _____ Date: _____

One-Step Equations and Inequalities

Grade 6 · Ages 11-12 · Math · Expressions & Equations · ★☆

Find the value of x that makes each equation true and write it on the line. Undo what was done to x: for x + 7 = 15, take 7 away from 15.

1. x − 27 = 16 _____

2. x + 39 = 71 _____

3. x + 13 = 55 _____

4. x − 25 = 50 _____

5. x + 30 = 58 _____

6. x − 30 = 40 _____

7. x + 14 = 47 _____

8. x − 17 = 46 _____

9. x + 17 = 52 _____

10. x − 20 = 12 _____

11. 2x = 20 _____

12. x ÷ 12 = 12 _____

13. x ÷ 6 = 10 _____

14. 4x = 8 _____

15. 12x = 132 _____

16. x ÷ 12 = 11 _____

17. x ÷ 5 = 8 _____

18. 10x = 40 _____

19. x ÷ 3 = 6 _____

20. 5x = 45 _____

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ANSWER KEY

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1. $x - 27 = 16$ **43**

2. $x + 39 = 71$ **32**

3. $x + 13 = 55$ **42**

4. $x - 25 = 50$ **75**

5. $x + 30 = 58$ **28**

6. $x - 30 = 40$ **70**

7. $x + 14 = 47$ **33**

8. $x - 17 = 46$ **63**

9. $x + 17 = 52$ **35**

10. $x - 20 = 12$ **32**

11. $2x = 20$ **10**

12. $x \div 12 = 12$ **144**

13. $x \div 6 = 10$ **60**

14. $4x = 8$ **2**

15. $12x = 132$ **11**

16. $x \div 12 = 11$ **132**

17. $x \div 5 = 8$ **40**

18. $10x = 40$ **4**

19. $x \div 3 = 6$ **18**

20. $5x = 45$ **9**