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 + 20 = 55 _____

2. x − 22 = 17 _____

3. x − 34 = 25 _____

4. x + 25 = 28 _____

5. x + 16 = 56 _____

6. x − 12 = 16 _____

7. x − 3 = 14 _____

8. x + 43 = 75 _____

9. x − 50 = 15 _____

10. x + 13 = 42 _____

11. x ÷ 5 = 5 _____

12. 8x = 16 _____

13. x ÷ 9 = 12 _____

14. 5x = 25 _____

15. 6x = 60 _____

16. x ÷ 3 = 3 _____

17. x ÷ 5 = 4 _____

18. 8x = 24 _____

19. x ÷ 4 = 7 _____

20. 5x = 30 _____

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ANSWER KEY

One-Step Equations and Inequalities

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1. $x + 20 = 55$ **35**

2. $x - 22 = 17$ **39**

3. $x - 34 = 25$ **59**

4. $x + 25 = 28$ **3**

5. $x + 16 = 56$ **40**

6. $x - 12 = 16$ **28**

7. $x - 3 = 14$ **17**

8. $x + 43 = 75$ **32**

9. $x - 50 = 15$ **65**

10. $x + 13 = 42$ **29**

11. $x \div 5 = 5$ **25**

12. $8x = 16$ **2**

13. $x \div 9 = 12$ **108**

14. $5x = 25$ **5**

15. $6x = 60$ **10**

16. $x \div 3 = 3$ **9**

17. $x \div 5 = 4$ **20**

18. $8x = 24$ **3**

19. $x \div 4 = 7$ **28**

20. $5x = 30$ **6**