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 ÷ 5 = 5 **25**

12. 8x = 16 **2**

13. x ÷ 9 = 12 **108**

14. 5x = 25 **5**

15. 6x = 60 **10**

16. x ÷ 3 = 3 **9**

17. x ÷ 5 = 4 **20**

18. 8x = 24 **3**

19. x ÷ 4 = 7 **28**

20. 5x = 30 **6**