

Solving Equations – Part 1

1. $4 + x = 10$

2. $x - 4 = 10$

3. $2x - 4 = 10$

4. $4x - 4 = 10$

5. $10 = 4x - 4$

6. $10 = 4x$

7. $10 = \frac{x}{4}$

8. $10 = \frac{x}{4} + 1$

9. $10 = \frac{x+1}{4}$

10. $10 = \frac{x-6}{4}$

11. $10 = \frac{2x-6}{4}$

12. $2x - 6 = -2$

13. $2x + 6 = -2$

14. $2(x + 3) = -2$

15. $2(2x + 3) = -2$

16. $3(3 + 2x) = 12$

17. $\frac{12}{3} = x$

18. $\frac{12}{x} = 3$

19. $\frac{12}{x+1} = 3$

20. $\frac{12}{3x-1} = 3$

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Solving Equations – Part 1 –

ANSWERS

1. $x = 6$

2. $x = 14$

3. $x = 7$

4. $x = 3.5$

5. $x = 3.5$

6. $x = 2.5$

7. $x = 40$

8. $x = 36$

9. $x = 39$

10. $x = 46$

11. $x = 23$

12. $x = 2$

13. $x = -4$

14. $x = -4$

15. $x = -2$

16. $x = \frac{1}{2}$

17. $x = 4$

18. $x = 4$

19. $x = 3$

20. $x = \frac{5}{3}$ or $1\frac{2}{3}$