



# Math Worksheet for 6th Grade

## One-step equations intuition

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

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2. Solve:  $y - 9 = 6$

3. Solve:  $4m = 28$

4. Solve:  $p \div 5 = 7$

5. Write an equation for: "Seven more than a number  $n$  is 20."

6. Write an equation for: "A number  $t$  divided by 6 equals 9."

7. Solve:  $0.5x = 12$

8. Solve:  $z - 14 = 3$

9. Solve:  $9a = 81$

10. Solve:  $b/8 = 4$

11. Word problem: Mia has some stickers. After giving away 8, she has 15 left. How many did she have at first? (Write an equation and solve.)

12. Word problem: A pack of cards is shared equally into 4 piles and each pile has 11 cards. How many cards were in the pack? (Write an equation and solve.)

13. Solve:  $x + (-6) = 2$

14. Solve:  $-5k = -35$

15. Write an equation for: "Three more than a number  $s$  is the same as 12."

16. Solve:  $3x = 0$

17. Word problem: A baker packs cookies in boxes of 12. He packs 3 boxes and has 36 cookies packed. How many cookies are in each box? (Write an equation and solve.)

18. Solve:  $t/3 = 9$

19. Solve:  $c - 0 = 14$

20. Write an equation for: "The quotient of a number  $r$  and 2 is 10."

21. Solve:  $7 + x = 7$

22. Word problem: A taxi fare is \$48 for 6 passengers equally splitting the cost. How much does each pay? (Write an equation and solve.)

23. Solve:  $4 + n = 19$

24. Solve:  $2.5y = 12.5$

25. Write an equation for: "Five times a number  $q$  equals 45."

26. Solve:  $x/10 = 0$

27. Word problem: Luis bought 5 identical notebooks for \$20 total. What is the price of one notebook? (Write an equation and solve.)

28. Solve:  $-x = 9$

29. Solve:  $\frac{1}{4} p = 6$



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30. Write an equation for: "A number  $w$  minus 13 equals 2."

31. Solve:  $6 + m = 13$

32. Word problem: A gardener plants seedlings in rows of 7. He plants 56 seedlings. How many rows did he plant? (Write an equation and solve.)

33. Solve:  $0.25z = 5$

34. Solve:  $a - 25 = -5$

35. Write an equation for: "The number of pages divided by 4 equals 15."

36. Solve:  $11x = 11$

37. Word problem: A recipe needs 3 cups of flour to make one batch. If a cook uses 15 cups, how many batches can she make? (Write an equation and solve.)

38. Solve:  $x + 0 = 9$

39. Solve:  $-6 + y = 1$

40. Write an equation for: "Twice a number equals 18."

41. Solve:  $5x = 2,500$  (solve for  $x$ )

42. Word problem: A total of 48 marbles are split equally among some kids so each gets 6 marbles. How many kids are there? (Write an equation and solve.)

43. Solve:  $0.1t = 2$

44. Solve:  $p - 7 = -12$

45. Write an equation for: "One-third of a number equals 9."

46. Solve:  $14 + x = 27$

47. Word problem: A school orders pencils in boxes of 12. They ordered boxes so that each classroom (9 classrooms) gets the same number and the total pencils are 108. How many pencils does each classroom get? (Write an equation and solve.)

48. Solve:  $8r = 0$

49. Solve:  $s/2 = -7$

50. Write an equation and solve: "A number added to 4 gives -1."