



Name:

Due Date:

Teacher:

Parent Sign:

Math Worksheet for 6th Grade

Writing algebraic expressions introduction

Questions

1. A number n increased by 7.
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2. Seven added to a number x .
3. A number m decreased by 10.
4. Ten less than a number p .
5. Three times a number x .
6. The product of 8 and a number y .
7. A number z divided by 5.
8. The quotient of a number a and 4.
9. The difference between 12 and a number b .
10. A number k minus 9.
11. Five less than twice a number x .
12. Three more than the product of 4 and a number n .
13. Seven less than the product of 5 and a number t .
14. Four times the result of subtracting 3 from a number n .
15. The difference when 6 is subtracted from twice a number x .
16. The result of subtracting 5 from the product of 7 and a number m .
17. Seven more than the difference between a number p and 2.
18. Three times the sum of a number and 4.
19. Twice the difference of a number and 8.
20. Two times the quantity "twice a number minus three."
21. Four times the quantity of a number decreased by 7.
22. The sum of 9 and the product of 2 and a number k .
23. Ten minus the product of 2 and a number y .
24. The product of 4 and the quantity $(n + 5)$.
25. Five less than the sum of a number and 11.
26. Sarah has t dollars and spends 3 dollars. How much money does she have left?
27. A store sells pencils for p cents each. What is the cost of 8 pencils?
28. John reads r pages per day. How many pages in 6 days?
29. A rectangle has width w and length 4 more than the width. Write an expression for the perimeter.
30. A number increased by 4 and then multiplied by 5.



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31. Two times the quantity "twice a number minus three."
32. Four times the quantity of a number x decreased by 7.
33. The sum of a number and 3, then multiplied by 4.
34. A number t is tripled and then 5 is subtracted.
35. Total cost C if each book costs b dollars and you buy 3 books then pay \$2 shipping.
36. A farm has h hens and c cows. Write an expression for the total number of legs.
37. A pack contains 6 pencils and you buy x packs. Total pencils?
38. Each ticket costs \$8. What is the cost of t tickets plus a \$3 fee?
39. Subtract the sum of 4 and a number n from 12.
40. Three times the quantity 2 less than a number.
41. The difference between twice a number and the sum of 3 and 4.
42. Five added to the product of 2 and the quantity $(x - 1)$.
43. A baker makes b batches each with 12 cookies and gives away 6 cookies. Expression for cookies remaining.
44. The total score if each correct answer is 4 points, x correct, and you lose 1 point for each wrong answer w .
45. The sum of two numbers m and n , all multiplied by 3.
46. The area of a rectangle with length l and width w .
47. Total cost for 2 adults and 3 children when adult price is a and child price is c .
48. The value when you subtract the product of 3 and a number from 20.
49. Five less than twice the sum of a number and 4.
50. Subtract the quantity $(4 + n)$ from 12.