



Name: _____

Math Worksheet for 6th Grade

Writing basic algebraic expressions word problems

Due Date: _____

Teacher: _____

Parent Sign: _____

2. The product of 6 and a number.
3. A number decreased by 12.
4. Three times a number plus 5.
5. Twice the difference of a number and 4.
6. Half a number minus 3.
7. The quotient of a number and 4 increased by 6.
8. Five less than the product of 8 and a number.
9. The sum of a number and its double.
10. Three more than twice a number.
11. The perimeter of a square whose side length is x (in meters).
12. The area of a rectangle with length x meters and width 5 meters.
13. Seven times the sum of a number and 2.
14. A number decreased by twice itself.
15. Six is added to three times a number.
16. Four less than three times a number.
17. The total cost if each concert ticket costs x dollars and you buy 5 tickets.
18. If one pencil costs x dollars, the cost of 7 pencils.
19. The difference between a number and one half of it.
20. The result when a number is multiplied by 9 and then decreased by 10.
21. Twice the sum of a number and 3.
22. A number divided by 3, then increased by 4.
23. Three times a number decreased by the number.
24. The amount of money left if you spend \$5 from x dollars.
25. The number of apples if each friend gets x apples and there are 4 friends.
26. The score when you multiply a number by 10 and add 15.
27. The number of minutes left after x minutes are used from 60 minutes.
28. Four times a number plus the number.
29. Half of the difference between a number and 2.
30. Three less than one-third of a number.
31. Five more than the product of 3 and a number.
32. Twice a number minus seven.
33. The total weight of x boxes if each box weighs 12 kg.



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34. If you save x dollars every week for 8 weeks, the total saved.
35. The sum of a number and 9, multiplied by 2.
36. Four times the sum of a number and 1.
37. The number of students if there are x rows with 6 students in each row.
38. A number increased by 3 and then multiplied by 4.
39. The average of x and 5.
40. Seven times a number decreased by the sum of 2 and the number.
41. The number of pages left if a book has 200 pages and you've read x pages.
42. If a bus holds x people and there are 3 buses, the total number of people.
43. Twice the difference between a number and 5.
44. Four less than half a number.
45. The sum of three consecutive numbers starting with x .
46. Ten more than 4 times a number.
47. The number of meters walked if you walk x meters per day for 14 days.
48. The cost if you buy x notebooks at \$2.50 each.
49. The number of apples in one of three equal baskets if x apples are shared equally.
50. The difference of 9 and twice a number.