



Writing algebraic expressions

Grade 5 Pre-Algebra Worksheet

Write an expression using a variable to represent each situation.

1. Seven increased by a twice of n _____
2. a decreased by 8 _____
3. 4 more than five times k _____
4. m less than sixteen _____
5. Sixteen less than m _____
6. j divided by 8 _____
7. Five times the product of b and c _____
8. Sixty-three less than x _____
9. Two more than the product of 3 and m _____
10. Three-fourths of f _____
11. The sum of 4 and the quotient of b and 3 _____
12. The quotient of 3 and the sum of 5 and k _____
13. The product of 4 and square of y _____
14. 21 less than the product of 3 and y _____
15. Eleven decreased by the product of 5 and d _____



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Write an expression using a variable to represent each situation.

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| 1. Seven increased by a twice of n | <u>$7 + 2n$</u> |
| 2. a decreased by 8 | <u>$a - 8$</u> |
| 3. 4 more than five times k | <u>$5k + 4$</u> |
| 4. m less than sixteen | <u>$16 - m$</u> |
| 5. Sixteen less than m | <u>$m - 16$</u> |
| 6. j divided by 8 | <u>$\frac{j}{8}$</u> |
| 7. Five times the product of b and c | <u>$5bc$</u> |
| 8. Sixty-three less than x | <u>$x - 63$</u> |
| 9. Two more than the product of 3 and m | <u>$3m + 2$</u> |
| 10. Three-fourths of f | <u>$\frac{3}{4}f$</u> |
| 11. The sum of 4 and the quotient of b and 3 | <u>$4 + \frac{b}{3}$</u> |
| 12. The quotient of 3 and the sum of 5 and k | <u>$\frac{3}{5+k}$</u> |
| 13. The product of 4 and square of y | <u>$4y^2$</u> |
| 14. 21 less than the product of 3 and y | <u>$3y - 21$</u> |
| 15. Eleven decreased by the product of 5 and d | <u>$11 - 5d$</u> |