



Writing algebraic expressions

Grade 5 Pre-Algebra Worksheet

Write an expression using a variable to represent each situation.

1. The sum of m and 9 _____
2. The product of n and 10 increased by 3 _____
3. 19 greater than n _____
4. The quotient of a and sum of b and 3 _____
5. The quotient of 60 and k _____
6. The product of 12 and c _____
7. 7 subtracted by p _____
8. Five increased by six times w _____
9. Take away 6 from n _____
10. Seven less than two times t _____
11. Two-thirds of s _____
12. Three more than two times k _____
13. Four times s , decreased by 11 _____
14. Square of x _____
15. Ten less than the square of b _____



Writing algebraic expressions

Grade 5 Pre-Algebra Worksheet

Write an expression using a variable to represent each situation.

- | | |
|---|------------------------------|
| 1. The sum of m and 9 | <u>$m + 9$</u> |
| 2. The product of n and 10 increased by 3 | <u>$10n + 3$</u> |
| 3. 19 greater than n | <u>$n + 19$</u> |
| 4. The quotient of a and sum of b and 3 | $\frac{a}{b+3}$ |
| 5. The quotient of 60 and k | $\frac{60}{k}$ |
| 6. The product of 12 and c | <u>$12c$</u> |
| 7. 7 subtracted by p | <u>$7 - p$</u> |
| 8. Five increased by six times w | <u>$6w + 5$</u> |
| 9. Take away 6 from n | <u>$n - 6$</u> |
| 10. Seven less than two times t | <u>$2t - 7$</u> |
| 11. Two-thirds of s | $\frac{2}{3}s$ |
| 12. Three more than two times k | <u>$2k + 3$</u> |
| 13. Four times s , decreased by 11 | <u>$4s - 11$</u> |
| 14. Square of x | <u>x^2</u> |
| 15. Ten less than the square of b | <u>$b^2 - 10$</u> |