# 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                                           $m + 9$

2.  The product of n and 10 increased by 3                       $10n + 3$

3.  19 greater than n                                            $n + 19$

4.  The quotient of a and sum of b and 3                         $\dfrac{a}{b+3}$

5.  The quotient of 60 and k                                     $\dfrac{60}{k}$

6.  The product of 12 and c                                      $12c$

7.  7 subtracted by p                                            $7 - p$

8.  Five increased by six times w                                $6w + 5$

9.  Take away 6 from n                                           $n - 6$

10. Seven less than two times t                                  $2t - 7$

11. Two-thirds of s                                              $\dfrac{2}{3}s$

12. Three more than two times k                                  $2k + 3$

13. Four times s, decreased by 11                                $4s - 11$

14. Square of x                                                  $x^2$

15. Ten less than the square of b                                $b^2 - 10$