

# Algebra 1 Bellwork Friday, April 22, 2016

Expand each. For problems in one variable write your answer in Standard Form.

1.  $(k + 12)(k - 12) =$

2.  $(5g + 16)(5g - 16) =$

3.  $(8m^4 - 7p^3)(8m^4 + 7p^3) =$

4.  $(Q - 9)^2 =$

5.  $(4b - 11)^2 =$

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Expand each. For problems in one variable write your answer in Standard Form.

Answers

1.  $(k + 12)(k - 12) =$

$k^2 - 144$

2.  $(5g + 16)(5g - 16) =$

$25g^2 - 256$

3.  $(8m^4 - 7p^3)(8m^4 + 7p^3) =$

$64m^8 - 49p^6$

4.  $(Q - 9)^2 =$

$Q^2 - 18Q + 81$

5.  $(4b - 11)^2 =$

$16b^2 - 88b + 121$