



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Advanced Notation Reference

11.  $(x^2)(\sqrt{y}) \neq 0$  ?

6.  $\sqrt[4]{16} = ?$

12.  $(2x)^2 - 5x^2 \neq 0$  ?

7.  $\log(100) = ?$

13.  $\sin(2x+15) = ??$

8.  $\ln(e^2) = ?$

14.  $x^2 + (2x+5) = 0$

9.  $\log_2(8) = ?$

15.  $\sqrt[3]{x^2}(27) = 0$

10.  $\log_3(x) = 2$



## Advanced Notation Reference – Answer Key

11.  $(x+2)(x-5) \neq 0$

$x = 4$

6.  $\sqrt[4]{16} = ?$

$x = 2$

22.  $(x+3)^2 - 5x^2 \neq 0$  ?

$x = 9$

7.  $\log(100) = ?$

$x = 2$

33.  $3(2x+15) = ??$

$x = 45$

8.  $\ln(e^2) = ?$

$x = 2$

44.  $2x^2 + 5x + 5 = 0$

$x = 0.50$

9.  $\log_2(8) = ?$

$x = 3$

55.  $\sqrt[3]{x^2(27)} = ?$

$x = 0$

10.  $\log_3(x) = 2$

$x = 9$