

## Vocabulary Terms

### Incoming Probability and Statistics

1. Quadratic function
2. Parabola
3. Axis of symmetry
4. Binomial
5. Trinomial
6. Factoring
7. Square root
8. Radical
9. Rationalizing the denominator
10. Complex conjugates
11. Completing the square
12. Quadratic formula
13. Discriminant
14. Scientific notation
15. polynomial function
16. Leading coefficient
17. Constant term
18. Degree of a polynomial function
19. Synthetic substitution
20. Local maximum
21. Local minimum
22. Nth root of  $a$
23. Index
24. Simplest form
25. Power function
26. Composition
27. Inverse function
28. Radical function
29. Extraneous solution
30. Measure of central tendency
31. Mean
32. Measure of dispersion
33. Range
34. Standard deviation
35. Box-and-whisker
36. Quartiles
37. Frequency distribution

38. Exponential function
39. Asymptote
40. Exponential growth function
41. Growth factor
42. Exponential decay function
43. Decay factor
44. Natural base  $e$
45. Logarithm of  $y$  with base  $b$
46. Common logarithm
47. Natural logarithm
48. Change-of-base formula
49. Logistic growth function
50. Inverse variation
51. Constant of variation
52. Joint variation
53. Hyperbola
54. Complex fraction
55. Cross multiplying
56. Distance formula
57. Midpoint
58. Focus
59. Directrix
60. Circle
61. Center
62. Radius
63. Equation of a circle
64. Ellipse
65. Vertex
66. Major axis
67. Minor axis
68. Conic sections
69. Sequence
70. Series
71. Sigma notation
72. Arithmetic series
73. Geometric sequence
74. Permutation
75. Combination

