

PRECALCULUS VOCABULARY FOR SUMMER PACKET

1. rate of change,
2. domain of a function,
3. range of a function
4. difference quotient,
5. even and odd function,
6. inverse of a function,
7. Leading Coefficient test,
8. zeros of polynomial
9. the rational zero theorem,
10. Fundamental Theorem of Algebra,
11. the linear factorization theorem,
12. properties of logarithms,
13. positive angles,
14. negative angles,
15. one radian,
16. central angle,
17. unit circle,
18. trigonometric identities,
19. reference angle,
20. sinusoidal graphs, solving a right triangle,
21. bearing,
22. amplitude,
23. period & frequency,
24. sum and difference formulas,
25. double-angle formulas,
26. power reducing formulas & half-angle formulas,
27. Oblique triangle,
28. ambiguous case,
29. Polar coordinate system,
30. imaginary unit i ,
31. vector,
32. initial point,
33. terminal point,
34. magnitude,
35. scalar multiplication,
36. resultant vector,
37. unit vectors,
38. position vector,
39. direction vector,
40. inconsistent system,
41. consistent system,
42. dependent,
43. solution set,
44. ordered triple,
45. partial fraction decomposition,
46. matrix,
47. augmented matrix,
48. square matrix,
49. equal matrices,
50. multiplicative identity matrix,
51. multiplicative inverse matrix,
52. coefficient matrix,
53. Conic section,
54. foci (focus),
55. center,
56. vertices (vertex),
57. major axis,
58. minor axis,
59. transverse axis,
60. ellipse,
61. hyperbola,
62. parabola,
63. directrix,
64. finite sequence,
65. infinite sequence,
66. factorial notation,
67. summation notation,
68. Arithmetic sequence,
69. common difference,
70. geometric sequence,
71. common ratio,
72. infinite geometric series,
73. binomial expansion,
74. permutation,
75. combination