

SIERRA VISTA HIGH SCHOOL

MATHEMATICS DEPARTMENT

Name: _____

Date: _____

Teacher: _____

MEASUREMENT AND ABILITY MATRIX FOR TEST 3A & 3B (1999)

Circle the number of the problems that you answered correctly. Count how many problems that you answered correctly in each Content Category.
Find the percentage of correct answers for each Content Category.

Mathematical Abilities	Numbers and Operations	Measurement/ Geometry	Data Analysis, Probability and Statistics	Algebra and Functions
Conceptual Understanding	1, 2, 30, 31, 32	7, 8, 12, 36, 37, 40, 41	22, 27, 51, 52, 56	16, 17, 18, 45, 46
Procedural Knowledge	3, 4, 33	9, 13, 38, 42	23, 24, 28, 53, 57	19, 47, 48
Problem Solving	5, 6, 34, 35	10, 11, 14, 15, 39, 43, 44	25, 26, 29, 54, 55, 58	20, 21, 49, 50
Average Percent Correct	$\overline{12} = \underline{\hspace{1cm}}\%$	$\overline{18} = \underline{\hspace{1cm}}\%$	$\overline{16} = \underline{\hspace{1cm}}\%$	$\overline{12} = \underline{\hspace{1cm}}\%$

Overall Percentage: _____

TEST 3A & 3B (1999) - Answer Key

- | | | | | | |
|-----|---|-----|---|-----|---|
| 1. | E | 26. | C | 51. | A |
| 2. | D | 27. | B | 52. | C |
| 3. | B | 28. | C | 53. | C |
| 4. | B | 29. | A | 54. | C |
| 5. | D | 30. | B | 55. | D |
| 6. | D | 31. | C | 56. | D |
| 7. | E | 32. | A | 57. | E |
| 8. | C | 33. | B | 58. | D |
| 9. | A | 34. | B | | |
| 10. | D | 35. | C | | |
| 11. | D | 36. | D | | |
| 12. | E | 37. | A | | |
| 13. | C | 38. | A | | |
| 14. | D | 39. | D | | |
| 15. | D | 40. | C | | |
| 16. | D | 41. | B | | |
| 17. | E | 42. | C | | |
| 18. | C | 43. | A | | |
| 19. | E | 44. | C | | |
| 20. | E | 45. | C | | |
| 21. | C | 46. | D | | |
| 22. | E | 47. | B | | |
| 23. | D | 48. | E | | |
| 24. | D | 49. | D | | |
| 25. | E | 50. | D | | |