

# SIERRA VISTA HIGH SCHOOL

## MATHEMATICS DEPARTMENT

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Teacher: \_\_\_\_\_

### MEASUREMENT AND ABILITY MATRIX FOR **Test 8B** (2005)

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, Number Sense and Computation | Patterns, Functions and Algebra      | Measurement                          | Spatial Relationships and Geometry   | Data Analysis                         |
|--------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| Conceptual Understanding |                                       |                                      |                                      |                                      |                                       |
| Procedural Knowledge     |                                       |                                      |                                      |                                      |                                       |
| Problem Solving          |                                       |                                      |                                      |                                      |                                       |
| Average Percent Correct  | $\overline{8} = \underline{\quad}\%$  | $\overline{8} = \underline{\quad}\%$ | $\overline{7} = \underline{\quad}\%$ | $\overline{7} = \underline{\quad}\%$ | $\overline{10} = \underline{\quad}\%$ |

**Overall Percentage:** \_\_\_\_\_

## Test 8B (2005) – Answer Key

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|     |   |     |   |     |   |
|-----|---|-----|---|-----|---|
| 1.  | D | 26. | A | 51. | B |
| 2.  | C | 27. | C | 52. | A |
| 3.  | D | 28. | A | 53. | C |
| 4.  | D | 29. | A | 54. | C |
| 5.  | D | 30. | C | 55. | D |
| 6.  | D | 31. | D | 56. | B |
| 7.  | D | 32. | D | 57. | A |
| 8.  | B | 33. | B | 58. | A |
| 9.  | A | 34. | C | 59. | B |
| 10. | B | 35. | A | 60. | D |
| 11. | B | 36. | B | 61. | D |
| 12. | B | 37. | B | 62. | B |
| 13. | B | 38. | A | 63. | B |
| 14. | C | 39. | B | 64. | A |
| 15. | C | 40. | C | 65. | C |
| 16. | C | 41. | A | 66. | B |
| 17. | D | 42. | D | 67. | C |
| 18. | B | 43. | B | 68. | A |
| 19. | D | 44. | D | 69. | B |
| 20. | C | 45. | C | 70. | B |
| 21. | B | 46. | C | 71. | D |
| 22. | C | 47. | B | 72. | A |
| 23. | B | 48. | B | 73. | B |
| 24. | B | 49. | A | 74. | B |
| 25. | A | 50. | B | 75. | A |