

# SIERRA VISTA HIGH SCHOOL

## MATHEMATICS DEPARTMENT

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

### MEASUREMENT AND ABILITY MATRIX FOR TEST 5A (2003)

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
<b>Conceptual Understanding</b>	11, 16	5, 25, 29, 32	15, 19, 31, 36	6, 21, 24
<b>Procedural Knowledge</b>	13, 18	2, 9, 22	1, 23	20, 34
<b>Problem Solving</b>	3, 12, 27	7, 28, 33, 35	4, 10, 14, 26	8, 17, 30
<b>Average Percent Correct</b>	$\frac{\quad}{7} = \underline{\quad}\%$	$\frac{\quad}{11} = \underline{\quad}\%$	$\frac{\quad}{10} = \underline{\quad}\%$	$\frac{\quad}{8} = \underline{\quad}\%$

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

## TEST 5A (2003) – Answer Key

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- |     |   |     |   |
|-----|---|-----|---|
| 1.  | E | 26. | B |
| 2.  | C | 27. | B |
| 3.  | A | 28. | C |
| 4.  | B | 29. | D |
| 5.  | E | 30. | C |
| 6.  | A | 31. | D |
| 7.  | C | 32. | A |
| 8.  | D | 33. | E |
| 9.  | C | 34. | D |
| 10. | E | 35. | D |
| 11. | D | 36. | D |
| 12. | A |     |   |
| 13. | D |     |   |
| 14. | B |     |   |
| 15. | C |     |   |
| 16. | A |     |   |
| 17. | C |     |   |
| 18. | D |     |   |
| 19. | A |     |   |
| 20. | A |     |   |
| 21. | B |     |   |
| 22. | A |     |   |
| 23. | E |     |   |
| 24. | B |     |   |
| 25. | B |     |   |