Ohio Achievement Test

Spring 2007 State Item Analysis

Grade 4 Math

Multiple Choice

Item	Standard	Percent Responding					Percent Correct
		**	A	B	C	D	State
4	Measurement	0	47 (*)	41	10	2	47
6	Number Sense	0	7	67 (*)	12	13	67
8	Data Analysis and Probability	1	16	10	26	47 (*)	47
9	Geometry and Spatial Sense	1	11	34	43 (*)	12	43
16	Number Sense	1	14	12	52 (*)	20	52
18	Measurement	0	41	7	45 (*)	6	45
28	Data Analysis and Probability	1	45	23 (*)	25	6	23
30	Measurement	2	10	27	51 (*)	10	51
31	Number Sense	1	3	9	7	81 (*)	81
34	Geometry and Spatial Sense	0	55 (*)	12	17	15	55
35	Data Analysis and Probability	0	14	9	31	45 (*)	45
36	Number Sense	0	16	10	58 (*)	16	58
37	Patterns, Functions and Algebra	1	23	11	12	53 (*)	53
40	Number Sense	0	2	94 (*)	2	2	94
45	Patterns, Functions and Algebra	1	13	77 (*)	5	4	77
46	Number Sense	1	8	6	6	79 (*)	79

Short Answer

Item	Standard	Percent at each score point				Mean Score
		**	0	1	2	State
5	Geometry and Spatial Sense	0	35	58	7	0.72
10	Number Sense	1	24	70	5	0.8
15	Data Analysis and Probability	0	18	6	76	1.58

Extended Response

Item	Standard	Percent at each score point						Mean Score
		**	0	1	2	3	4	State
20	Patterns, Functions and Algebra	0	25	26	27	20	3	1.52

According to Ohio Revised Code (ORC) 3301.07.11:N4(b).....not less than forty percent of the questions on the test that are used to compute a student's score shall be public record. The Ohio Department of Education shall determine which questions will be needed for reuse on a future test and those questions shall not be public records and shall be redacted from the test prior to its release as a public record.

You can use this chart to view the released questions in each content standard. The report represents your state's performance on all the questions. Individual test questions give an incomplete picture of student performance so it is better to focus on the performance data for each standard.

To view actual test questions, please visit the ODE Web site "http://www.success.ode.state.oh.us/" or refer to Ohio Department of Education publications.

Notes:

1. The state % reflect the percent of students selecting the correct response for multiple choice items.
2. The state mean reflects the average scores of students for short and extended response items.
3. * means a correct answer
4. ** means that percentage of students who did not respond or marked more than one response.
5. From one year to the next, the difficulty of the questions may change.
6. This report comes from multiple sets of data. Find other sources of data or other reports that may be more appropriate for monitoring the performance of your students.

Ohio Achievement Test

Spring 2007 State Item Analysis

Grade 4 Reading

Multiple Choice

Item	Standard	Percent Responding					Percent Correct
		**	A	B	C	D	State
1	Reading Process	0	3	3	55 (*)	39	55
3	Literary Text	0	4	5	2	89 (*)	89
4	Reading Process	0	82 (*)	4	10	4	82
5	Acquisition of Vocabulary	0	7	13	15	65 (*)	65
6	Acquisition of Vocabulary	0	1	93 (*)	2	3	93
16	Reading Process	0	5	5	12	77 (*)	77
17	Acquisition of Vocabulary	0	58 (*)	8	15	19	58
19	Literary Text	0	5	14	75 (*)	5	75
20	Literary Text	1	11	60 (*)	19	8	60
21	Reading Process	0	61 (*)	17	5	16	61
22	Reading Process	0	7	4	78 (*)	10	78
23	Reading Process	0	12	68 (*)	12	8	68
25	Informational Text	1	76 (*)	6	8	9	76
26	Informational Text	1	7	85 (*)	3	4	85
27	Acquisition of Vocabulary	1	3	17	76 (*)	3	76

Short Answer

Item	Standard	Percent at each score point				Mean Score
		**	0	1	2	State
2	Literary Text	0	37	54	9	0.72
18	Reading Process	0	41	22	37	0.96

Extended Answer

Item	Standard	Percent at each score point						Mean Score
		**	0	1	2	3	4	State
24	Informational Text	1	36	19	18	16	10	1.43

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Ohio Achievement Test

Spring 2007 State Item Analysis

Grade 4 Writing

Fill In

Item	Standard	Percent at each score point			Mean Score
		**	0	1	State
2	Writing Conventions	0	47	53	0.53
3	Writing Conventions	0	13	87	0.87
4	Writing Conventions	0	24	76	0.76
5	Writing Conventions	0	22	78	0.78
6	Writing Conventions	0	28	72	0.72

Multiple Choice

Item	Standard	Percent Responding					Percent Correct
		**	A	B	C	D	State
12	Writing Conventions	0	1	1	96 (*)	3	96
13	Writing Conventions	0	96 (*)	1	0	2	96
14	Writing Conventions	0	26	1	3	70 (*)	70
15	Writing Conventions	0	91 (*)	1	2	5	91
16	Writing Conventions	0	1	86 (*)	3	10	86

Constructed Response

Item	Standard	Percent at each score point														Mean Score
		**	0	1	2	3	4	5	6	7	8	9	10	11	12	State
17	Writing Applications	0	8	0	0	15	0	0	52	0	0	21	0	0	4	5.94

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