

## Pre-Formatted Reports: Benchmark Test Item Analysis - New Format

### Data Selections

**Institution(s):** All School Types, All Schools  
**Benchmark Administration:** 09/03/14, 2014-2015 Baselines Math III  
**Trend Profile:** 2014-2015  
**Subject:** Mathematics  
**Test Focus:** All Test Focuses  
**Test Level:** 09  
**Test Category:** District Benchmark  
**Grade:** 09  
**Enrollment:** Any year

Number of questions: 25  
 Number of test-taking students: 841

### Student Responses

Question - Type	Correct		Incorrect	Most Common Mistake		Point Value	Points Achieved / Possible	P-Value / Item Mean	Discrimination
	Rate	Value	Total Rate	Rate	Value				
1 - Multiple Choice	28%	C	72%	32%	D	1	238 / 841	0.32	0.25
2 - Multiple Choice	60%	B	40%	20%	A	1	502 / 841	0.63	0.37
3 - Multiple Choice	67%	A	33%	17%	C	1	560 / 841	0.53	0.41
4 - Multiple Choice	63%	D	37%	15%	B	1	530 / 841	0.63	0.37
5 - Multiple Choice	29%	D	71%	29%	C	1	247 / 841	0.40	0.43
6 - Multiple Choice	72%	D	28%	11%	B	1	605 / 841	0.79	0.22
7 - Multiple Choice	30%	D	70%	47%	C	1	251 / 841	0.15	0.34
8 - Multiple Choice	20%	C	80%	40%	A	1	165 / 841	0.15	0.09
9 - Multiple Choice	40%	C	60%	24%	A	1	338 / 841	0.35	0.27
10 - Multiple Choice	69%	C	31%	14%	B	1	577 / 841	0.68	0.37
11 - Multiple Choice	47%	C	53%	26%	D	1	399 / 841	0.44	0.11
12 - Multiple Choice	13%	D	87%	46%	C	1	109 / 841	0.14	0.35
13 - Multiple Choice	30%	C	70%	28%	D	1	251 / 841	0.29	0.16
14 - Multiple Choice	28%	B	72%	33%	A	1	236 / 841	0.31	0.39
15 - Multiple Choice	58%	B	42%	17%	C	1	487 / 841	0.67	0.36
16 - Multiple Choice	35%	B	65%	24%	A	1	298 / 841	0.29	0.20
17 - Multiple Choice	40%	D	60%	22%	B	1	340 / 841	0.40	0.36
18 - Multiple Choice	19%	C	81%	36%	D	1	162 / 841	0.13	0.14
19 - Multiple Choice	31%	C	69%	26%	B	1	264 / 841	0.24	0.06
20 - Multiple Choice	36%	A	64%	23%	B	1	306 / 841	0.46	0.11

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21 - Multiple Choice	58%	B	42%	20%	A	1	489 / 841	0.44	0.23
22 - Multiple Choice	70%	A	30%	10%	D	1	590 / 841	0.75	0.12
23 - Multiple Choice	30%	A	70%	27%	C	1	253 / 841	0.31	0.02
24 - Multiple Choice	52%	A	48%	22%	C	1	441 / 841	0.57	0.23
25 - Multiple Choice	30%	B	70%	31%	A	1	256 / 841	0.33	0.35
<b>Summary</b>	<b>42%</b>		<b>58%</b>				<b>356 / 841</b>		

P-value represents an item's difficulty as evaluated by dividing the total number of correct responses by the total number of students tested. P-value is calculated for true/false, multiple choice, gridded or hot spot-single response items.

Item Mean is the average score for student responses to an open response question or to a multi-part question. Item Mean is calculated for inline response, matching or hot spot-multiple selections items.

Discrimination or Item Total Score Correlation is the correlation between the question score and the overall test score and indicates the extent to which success on an item corresponds to success on the test.

## Standards Alignment to Common Core State Standards

Question	ID	Standard Description
1 - Multiple Choice		High School - Algebra
2 - Multiple Choice		High School - Algebra
3 - Multiple Choice		High School - Algebra
4 - Multiple Choice		High School - Algebra
5 - Multiple Choice		High School - Algebra
6 - Multiple Choice		High School - Algebra
7 - Multiple Choice		High School - Algebra
8 - Multiple Choice		High School - Algebra
9 - Multiple Choice		High School - Algebra
10 - Multiple Choice		High School - Algebra
11 - Multiple Choice		High School - Algebra
12 - Multiple Choice		High School - Algebra
13 - Multiple Choice		High School - Algebra
14 - Multiple Choice		High School - Algebra
15 - Multiple Choice		High School - Algebra
16 - Multiple Choice		High School - Algebra
17 - Multiple Choice		High School - Algebra
18 - Multiple Choice		High School - Algebra
19 - Multiple Choice		High School - Algebra
20 - Multiple Choice		High School - Algebra
21 - Multiple Choice		High School - Algebra
22 - Multiple Choice		High School - Algebra
23 - Multiple Choice		High School - Algebra
24 - Multiple Choice		High School - Algebra
25 - Multiple Choice		High School - Algebra