

## 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 I  
**Trend Profile:** 2014-2015  
**Subject:** Mathematics  
**Test Focus:** All Test Focuses  
**Test Level:** All Benchmark Test Levels  
**Test Category:** District Benchmark  
**Grade:** All Grade Levels  
**Enrollment:** Total for 2014-2015

Number of questions: 30  
 Number of test-taking students: 1351

### 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	46%	B	54%	26%	A	1	626 / 1351	0.66	0.41
2 - Multiple Choice	43%	A	57%	26%	B	1	575 / 1351	0.58	0.25
3 - Multiple Choice	35%	B	65%	34%	A	1	471 / 1351	0.58	0.43
4 - Multiple Choice	22%	D	78%	33%	B	1	302 / 1351	0.34	0.57
5 - Multiple Choice	62%	D	38%	14%	B	1	840 / 1351	0.81	0.15
6 - Multiple Choice	34%	B	66%	28%	D	1	454 / 1351	0.40	0.42
7 - Multiple Choice	55%	C	45%	19%	A	1	741 / 1351	0.84	0.09
8 - Multiple Choice	76%	A	24%	10%	C	1	1021 / 1351	0.94	0.30
9 - Multiple Choice	59%	A	41%	15%	B	1	802 / 1351	0.88	0.28
10 - Multiple Choice	21%	B	79%	28%	D	1	278 / 1351	0.24	0.30
11 - Multiple Choice	27%	C	73%	28%	B	1	359 / 1351	0.21	0.16
12 - Multiple Choice	46%	B	54%	29%	D	1	619 / 1351	0.74	0.39
13 - Multiple Choice	40%	D	60%	33%	B	1	538 / 1351	0.69	0.50
14 - Multiple Choice	62%	C	38%	22%	A	1	843 / 1351	0.73	0.29
15 - Multiple Choice	47%	B	53%	30%	D	1	634 / 1351	0.49	0.04
16 - Multiple Choice	33%	A	67%	25%	B	1	449 / 1351	0.43	0.52
17 - Multiple Choice	36%	D	64%	23%	A	1	483 / 1351	0.50	0.34
18 - Multiple Choice	48%	D	52%	19%	C	1	654 / 1351	0.58	0.44
19 - Multiple Choice	25%	B	75%	34%	A	1	338 / 1351	0.39	0.38
20 - Multiple Choice	49%	C	51%	20%	D	1	661 / 1351	0.56	0.26

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21 - Multiple Choice	23%	A	77%	28%	B	1	313 / 1351	0.29	0.38
22 - Multiple Choice	43%	A	57%	26%	C	1	579 / 1351	0.66	0.51
23 - Multiple Choice	59%	B	41%	16%	A	1	802 / 1351	0.73	0.55
24 - Multiple Choice	36%	A	64%	30%	B	1	492 / 1351	0.65	0.42
25 - Multiple Choice	40%	B	60%	19%	A	1	539 / 1351	0.61	0.31
26 - Multiple Choice	56%	B	44%	17%	C	1	753 / 1351	0.64	0.33
27 - Multiple Choice	60%	C	40%	19%	B	1	813 / 1351	0.71	0.22
28 - Multiple Choice	42%	A	58%	27%	B	1	566 / 1351	0.58	0.56
29 - Multiple Choice	22%	C	78%	59%	D	1	297 / 1351	0.29	0.23
30 - Multiple Choice	27%	B	73%	39%	C	1	371 / 1351	0.28	0.24
<b>Summary</b>	<b>42%</b>		<b>58%</b>				<b>574 / 1351</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

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<b>20 - Multiple Choice</b>	High School - Algebra
<b>21 - Multiple Choice</b>	High School - Algebra
<b>22 - Multiple Choice</b>	High School - Algebra
<b>23 - Multiple Choice</b>	High School - Algebra
<b>24 - Multiple Choice</b>	High School - Algebra
<b>25 - Multiple Choice</b>	High School - Algebra
<b>26 - Multiple Choice</b>	High School - Algebra
<b>27 - Multiple Choice</b>	High School - Algebra
<b>28 - Multiple Choice</b>	High School - Algebra
<b>29 - Multiple Choice</b>	High School - Algebra
<b>30 - Multiple Choice</b>	High School - Algebra

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