

# Geometry Regents June 2017 Recommendation

August 23, 2017

# Average Quarter Grades vs. Regents Grades 2016 & 2017

Course	2016 Quarter	2016 Regents	R - Q	2017 Quarter	2017 Regents	R - Q
Algebra I	85.35	84.23	-1.12	78.09	85.22	7.13
Algebra II				86.15	81.67	-4.48
English	86.61	90.26	3.65	86.12	86.22	0.1
Living Environment	84.02	86.18	2.16	84.94	85.62	0.68
Global History	87.45	87.21	-0.24	87.96	88.21	0.25
US History	87.89	91.8	3.91	85.68	91.79	6.11
Physics	90.36	80.89	-9.47	88.09	83.58	-4.51
Geometry	85.21	78.7	-6.51	84.44	<del>78.73</del> 79.74	<del>-5.71</del> -4.7
Earth Science	87.03	87.65	0.62	86.24	84.16	-2.08
Chemistry	82.95	80.65	-2.3	82.08	79.77	-2.31

# Mathematics Regents 2017 Cut Scores for Passing

- Algebra CC: 27 points
- Geometry CC: 34 Points
- Algebra 2 CC: 26 pts
  
- N.B. Three flawed questions were acknowledged and points awarded on the Geometry 2017 Regents

# Question 11 Analogy: Which set of Statements Simplifies to the Value of 4

- A.  $6-2$
- B.  $12/3$
- C.  $2^3 - 2^2$

## Responses

1. A and B
2. A and C
3. B and C
4. A, B and C

# Q. 11 Analysis of Responses for POB Students

N.B. Lowest P Value for Level 5 Students on Geometry CC in 2016 was .73

P Value = .28  
For Level 5  
Students

POB	Levels							Levels					
	L1	L2	L3	L4	L5	Total		L1	L2	L3	L4	L5	All
Q11	L1	L2	L3	L4	L5	Total		L1	L2	L3	L4	L5	All
Blank	0	0	0	0	0	0		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	11	11	71	30	82	205		91.7%	64.7%	54.6%	39.0%	66.1%	56.9%
2	1	2	16	12	6	37		8.3%	11.8%	12.3%	15.6%	4.8%	10.3%
3	0	1	9	1	1	12		0.0%	5.9%	6.9%	1.3%	0.8%	3.3%
4	0	3	34	34	35	106		0.0%	17.6%	26.2%	44.2%	28.2%	29.4%
	12	17	130	77	124	360			4.7%	36.1%	21.4%	34.4%	100.0%



# Recommendation:

- RESOLVED, that the Board of Education of the Plainview-Old Bethpage Central School District hereby accepts the recommendation of the Superintendent of Schools to award 2 points, for local grading, for all students with responses 1, 2, and 3 on question 11 of the 2017 Common Core Geometry Regents assessment and direct the High School administration to recalculate the final averages.