



TEKScore Item Analysis for CALLEN ISD

MA.11.11.E

Subject: Mathematics Grade: 11 Language: English Version: 11 Date: 10/17/2014

Passing Standard: 70% Description: Geometry Quarter 1 Test

Students: 121 Passed: 78 (64%) Average Score: 73

#	Standards	Correct	A/F/0	B/G/1	C/H/2	D/J/3	E/K/4	Blank
1	Geom_G.07A: The student is expected to use one- and two-dimensional coordinate systems to represent points, lines, rays, line segments, and figures	A 70%	85 70%	3 2%	3 2%	29 24%	0 0%	1 1%
2	Geom_G.07A: The student is expected to use one- and two-dimensional coordinate systems to represent points, lines, rays, line segments, and figures	B 65%	22 18%	79 65%	10 8%	9 7%	0 0%	1 1%
3	Geom_G.07A: The student is expected to use one- and two-dimensional coordinate systems to represent points, lines, rays, line segments, and figures	C 84%	7 6%	2 2%	102 84%	8 7%	0 0%	2 2%
4	Geom_G.01A: The student is expected to develop an awareness of the structure of a mathematical system, connecting definitions, postulates, logical reasoning, and theorems	B 88%	2 2%	106 88%	4 3%	7 6%	0 0%	2 2%
5	Geom_G.07C: The student is expected to derive and use formulas involving length, slope, and midpoint	B 86%	4 3%	104 86%	8 7%	2 2%	0 0%	3 2%
6	Geom_G.02B: The student is expected to make conjectures about angles, lines, polygons, circles, and three-dimensional figures and determine the validity of the conjectures, choosing from a variety of approaches such as coordinate, transformational, or axiomatic	D 91%	7 6%	0 0%	2 2%	110 91%	0 0%	2 2%
7	Geom_G.02B: The student is expected to make conjectures about angles, lines, polygons, circles, and three-dimensional figures and determine the validity of the conjectures, choosing from a variety of approaches such as coordinate, transformational, or axiomatic	A 49%	59 49%	15 12%	15 12%	28 23%	0 0%	4 3%
8	Geom_G.02B: The student is expected to make conjectures about angles, lines, polygons, circles, and three-dimensional figures and determine the validity of the conjectures, choosing from a variety of approaches such as coordinate, transformational, or axiomatic	C 68%	15 12%	14 12%	82 68%	7 6%	0 0%	3 2%
9	Geom_G.02B: The student is expected to make conjectures about angles, lines, polygons, circles, and three-dimensional figures and determine the validity of the conjectures, choosing from a variety of approaches such as coordinate, transformational, or axiomatic	C 62%	34 28%	5 4%	75 62%	4 3%	0 0%	3 2%
10	Geom_G.07B: The student is expected to use slopes and equations of lines to investigate geometric relationships, including parallel lines, perpendicular lines, and special segments of triangles and other polygons	A 58%	70 58%	4 3%	7 6%	37 31%	0 0%	3 2%
11	Geom_G.07B: The student is expected to use slopes and equations of lines to investigate geometric relationships, including parallel lines, perpendicular lines, and special segments of triangles and other polygons	C 79%	14 12%	0 0%	96 79%	9 7%	0 0%	2 2%
12	Geom_G.07C: The student is expected to derive and use formulas involving length, slope, and midpoint	A 81%	98 81%	10 8%	5 4%	6 5%	0 0%	2 2%

Concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)

Shading indicates mastery below 70%

Standard: Green - Readiness, Blue - Supporting, Brown - Readiness or Supporting, Purple - Process



TEKScore Item Analysis for CALLEN ISD

MA.11.11.E

Subject: Mathematics Grade: 11 Language: English Version: 11 Date: 10/17/2014

Passing Standard: 70% Description: Geometry Quarter 1 Test

Students: 121 Passed: 78 (64%) Average Score: 73

#	Standards	Correct	A/F/0	B/G/1	C/H/2	D/J/3	E/K/4	Blank
13	Geom_G.02B: The student is expected to make conjectures about angles, lines, polygons, circles, and three-dimensional figures and determine the validity of the conjectures, choosing from a variety of approaches such as coordinate, transformational, or axiomatic	B 82%	12 10%	99 82%	5 4%	4 3%	0 0%	1 1%
14	Geom_G.03A: The student is expected to determine the validity of a conditional statement, its converse, inverse, and contrapositive	B 74%	16 13%	89 74%	4 3%	11 9%	0 0%	1 1%
15	Geom_G.06B: The student is expected to use nets to represent and construct three-dimensional geometric figures	B 86%	13 11%	104 86%	3 2%	0 0%	0 0%	1 1%
16	Geom_G.03A: The student is expected to determine the validity of a conditional statement, its converse, inverse, and contrapositive	D 84%	8 7%	1 1%	9 7%	102 84%	0 0%	1 1%
17	Geom_G.07A: The student is expected to use one- and two-dimensional coordinate systems to represent points, lines, rays, line segments, and figures	A 79%	96 79%	9 7%	12 10%	3 2%	0 0%	1 1%
18	Geom_G.07C: The student is expected to derive and use formulas involving length, slope, and midpoint	A 67%	81 67%	11 9%	11 9%	15 12%	0 0%	3 2%
19	Geom_G.09A: The student is expected to formulate and test conjectures about the properties of parallel and perpendicular lines based on explorations and concrete models	C 64%	13 11%	6 5%	78 64%	22 18%	0 0%	2 2%
20	Geom_G.09A: The student is expected to formulate and test conjectures about the properties of parallel and perpendicular lines based on explorations and concrete models	C 73%	6 5%	15 12%	88 73%	10 8%	0 0%	2 2%
21	Geom_G.03C: The student is expected to use logical reasoning to prove statements are true and find counter examples to disprove statements that are false	C 43%	21 17%	10 8%	52 43%	34 28%	0 0%	4 3%
22	Geom_G.05C: The student is expected to use properties of transformations and their compositions to make connections between mathematics and the real world, such as tessellations	B 67%	4 3%	81 67%	8 7%	25 21%	0 0%	3 2%
23	Geom_G.05C: The student is expected to use properties of transformations and their compositions to make connections between mathematics and the real world, such as tessellations	C 80%	7 6%	7 6%	97 80%	7 6%	0 0%	3 2%
24	Geom_G.03C: The student is expected to use logical reasoning to prove statements are true and find counter examples to disprove statements that are false	C 87%	8 7%	3 2%	105 87%	3 2%	0 0%	2 2%
25	Geom_G.03E: The student is expected to use deductive reasoning to prove a statement	B 88%	0 0%	107 88%	9 7%	2 2%	0 0%	3 2%
26	Geom_G.03E: The student is expected to use deductive reasoning to prove a statement	A 62%	75 62%	5 4%	20 17%	18 15%	0 0%	3 2%

Concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)
Standard: Green - Readiness, Blue - Supporting, Brown - Readiness or Supporting, Purple - Process

Shading indicates mastery below 70%



TEKScore Item Analysis for CALLEN ISD

MA.11.11.E

Subject: Mathematics Grade: 11 Language: English Version: 11 Date: 10/17/2014

Passing Standard: 70% Description: Geometry Quarter 1 Test

Students: 121 Passed: 78 (64%) Average Score: 73

#	Standards	Correct	A/F/0	B/G/1	C/H/2	D/J/3	E/K/4	Blank
27	Geom_G.05A: The student is expected to use numeric and geometric patterns to develop algebraic expressions representing geometric properties	C 69%	1 1%	29 24%	83 69%	6 5%	0 0%	2 2%
28	Geom_G.03C: The student is expected to use logical reasoning to prove statements are true and find counter examples to disprove statements that are false	B 54%	6 5%	65 54%	22 18%	24 20%	0 0%	4 3%
29	Geom_G.04A: The student is expected to select an appropriate representation (concrete, pictorial, graphical, verbal, or symbolic) in order to solve problems	D 66%	28 23%	7 6%	2 2%	80 66%	0 0%	4 3%
30	Geom_G.02B: The student is expected to make conjectures about angles, lines, polygons, circles, and three-dimensional figures and determine the validity of the conjectures, choosing from a variety of approaches such as coordinate, transformational, or axiomatic	A 84%	102 84%	5 4%	7 6%	4 3%	0 0%	3 2%
31	No standards assigned to this item.	D 78%	5 4%	11 9%	9 7%	94 78%	0 0%	2 2%
32	No standards assigned to this item.	C 79%	7 6%	8 7%	96 79%	7 6%	0 0%	3 2%
33	No standards assigned to this item.	B 64%	20 17%	78 64%	11 9%	8 7%	0 0%	4 3%

Concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)

Standard: Green - Readiness, Blue - Supporting, Brown - Readiness or Supporting, Purple - Process

Shading indicates mastery below 70%



TEKScore Item Analysis for CALLEN ISD

MA.11.11.E

Subject: Mathematics Grade: 11 Language: English Version: 11 Date: 10/17/2014
Passing Standard: 70% Description: Geometry Quarter 1 Test

Students: 121 Passed: 78 (64%) Average Score: 73

