

# MATHEMATICS

## GLE/GSE Mapping of Items Released From Grades 3 – 8 and 11 NECAP

April 2009

GRADE 3 (2)										
GLE	Practice Test May 05		Released Items Oct 05		Released Items Oct 06		Released Items Oct 07		Released Items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Number and Operations</b>										
2 – 1	3.MC (2)	8.MC (1) 10.MC (1)	14.SA2 (2)	1.MC (2) 2.MC (2)		1.MC (1)	2.MC (2)	1.MC (1) 11.SA1 (2)		1.MC (2) 11.SA1 (2)
2 – 2		12.SA2 (2)		3.MC (1) 11.SA1 (1)		2.MC (2) 11.SA1 (2)	14.SA2 (3)	3.MC (2)		2.MC (1) 3.MC (2) 12.SA1 (2)
2 – 3	1.MC(2)		4.MC (1) 15.SA2 (2)		3.MC (1) 4.MC (2) 14.SA2(2)		4.MC (1) 12.SA1(2)		4.MC (1) 5.MC (1)	
2 – 4	No standard at this grade									
2 – 5	6.SA2 (2)			5.MC (2)		5.MC (2) 15.SA2 (2)		5.MC (2) 6.MC (1)	6.MC (2) 7.MC (2)	
2 – 6	Local standard at this grade									
2 – 7	Local standard at this grade									
2 – 8	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 3 (2), con't										
GLE	Practice Test May 05		Released Items Oct 05		Released Items Oct 06		Released Items Oct 07		Released Items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Geometry and Measurement</b>										
2-1	2.MC (1)	9.MC (2)				12.SA1 (2)		15.SA2 (2)		8.MC (2)
2-2	No standard at this grade									
2-3	No standard at this grade									
2-4	Local standard at this grade									
2-5	No standard at this grade									
2-6	4.MC (1)			6.MC (1)		6.MC (1)				13.SA1 (2)
2-7		11.SA1 (1)		16.SA2 (2)		7.MC (1)		7.MC (1)	14.SA2(2)	
2-8	No standard at this grade									
2-9	Local standard at this grade									
<b>Functions and Algebra</b>										
2-1		7.MC (2)		7.MC (2) 8.MC (2)				8.MC (2) 13.SA1 (2)		9.MC (2)
2-2	No standard at this grade									
2-3	No standard at this grade									
2-4	5.SA1 (2)		12.SA1 (1)			8.MC (2) 16.SA2 (2)		9.MC (1)		15.SA2 (2)
<b>Data, Statistics and Probability</b>										
2-1				13.SA1 (3)		9.MC (1) 13.SA1 (2)		16.SA2 (3)		16.SA2 (3)
2-2				9.MC (2)		10.MC (2)		10.MC (2)		
2-3	No standard at this grade									
2-4				10.MC (2)						10.MC (2)
2-5	No standard at this grade									
2-6	No standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 4 (3)										
GLE	Practice Test May 05		Released Items Oct 05		Released Items Oct 06		Released items Oct 07		Released items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Number and Operations</b>										
3 – 1		10.MC (1)		1.MC (1) 2.MC (1) 14.SA2 (3)	11.SA1(2)	1.MC (2)	1.MC (1)	11.SA1 (2)		1.MC (2) 14.SA2 (2)
3 – 2				3.MC (1)		2.MC (1) 3.MC (2) 14.SA2 (2)	3.MC (2)	2.MC (2) 14.SA2 (3)		2.MC (2) 11.SA1 (2)
3 – 3		12.SA2 (2)		4.MC (2)	4.MC (1)			4.MC (2)	3.MC (2)	
3 – 4	2.MC (2) 3.MC (2)	9.MC (1)	5.MC (1) 15.SA2(2)		5.MC (2)		5.MC (1) 12.SA1 (2)		4.MC (1) 15.SA2 (3)	
3 – 5	No standard at this grade									
3 – 6	Local standard at this grade									
3 – 7	Local standard at this grade									
3 – 8	Local standard at this grade									
<b>Geometry and Measurement</b>										
3 – 1		8.MC (2)	11.SA1(2)	6.MC (1)	12.SA1(2)	6.MC (2)		6.MC (2)		12.SA1 (2)
3 – 2	No standard at this grade									
3 – 3	No standard at this grade									
3 – 4	Local standard at this grade									
3 – 5	Local standard at this grade									
3 – 6	6.SA2 (2)		16.SA2(2)				15.SA2 (2)	7.MC (1)		5.MC (2)
3 – 7				7.MC (2) 12.SA1 (2)		7.MC (1) 8.MC (1)			6.MC (1)	
3 – 8	No standard at this grade									
3 – 9	Local standard at this grade									
3 – 10	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

<b>GRADE 4 (3), con't</b>										
<b>GLE</b>	<b>Practice Test May 05</b>		<b>Released Items Oct 05</b>		<b>Released Items Oct 06</b>		<b>Released Items Oct 07</b>		<b>Released Items Oct 08</b>	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Functions and Algebra</b>										
3 – 1	4.MC (2)	7.MC (2)		8.MC (2)		9.MC (2)		16.SA2 (2)		13.SA1 (2)
3 – 2	No standard at this grade									
3 – 3	No standard at this grade									
3 - 4	5.SA1 (2)		13. SA1 (1)		15.SA2(2)			8.MC (2)		7.MC (1) 8.MC (2)
<b>Data, Statistics and Probability</b>										
3 – 1				9.MC (2)		16.SA2 (3)			16.SA2(3)	9.MC (2)
3 – 2		11.SA1 (2)				10.MC (2)		9.MC (2)		
3 – 3				10.MC (2)				10.MC (2)		10.MC (2)
3 – 4	Local standard at this grade									
3 – 5	1.MC (1)				13.SA1(2)			13.SA1 (2)		
3 – 6	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 5 (4)										
GLE	Practice Test May 05		Released items Oct 05		Released items Oct 06		Released Items Oct 07		Released Items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Number and Operations</b>										
4 – 1	7.SA2 (2)	9.MC (2) 12.SA1 (2)		1.MC (2) 2.MC (2)		1.MC (1) 2.MC (1) 11.SA1 (2)	1.MC (1) 15.CR (2)			1.MC (2)
4 – 2	2.MC (2)			3. MC (2)		3.MC (2) 4.MC (2)	3.MC (2)	2.MC (1)		2.MC (2) 3.MC (2)
4 – 3	4.MC (2)		11.SA1 (2)			5.MC (2)	4.MC (2)	5.MC (2)	4.MC (2)	
4 – 4			4.MC (2) 5.MC (1) 13.SA2 (2)		6.MC (1) 7.MC (2) 8.MC (3)				11.SA1(2) 13.SA2(2)	
4 – 5	No standard at this grade									
4 – 6	Local standard at this grade									
4 – 7	Local standard at this grade									
4 – 8	Local standard at this grade									
<b>Geometry and Measurement</b>										
4 – 1		11.MC (1) 13.CR (3)		6.MC (1)			13.SA2 (2)			5.MC (2) 12.SA1 (2)
4 – 2	No standard at this grade									
4 – 3					13.SA2 (2)					6.MC (1)
4 – 4	5.SA1 (2)				9.MC (2)					7.MC (1)
4 – 5				7.MC (1)				11.SA1 (2)		8.MC (2)
4 – 6	1.MC (2)			15.CR (2)		12.SA1 (2)				
4 – 7								6.MC (2)		9.MC (2)
4 – 8	No standard at this grade									
4 – 9	Local standard at this grade									
4 – 10	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 5 (4), con't										
GLE	Practice Test May 05		Released Items Oct 05		Released items Oct 06		Released Items Oct 07		Released Items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Functions and Algebra</b>										
4 - 1		10.MC (2)		8.MC (2)				7.MC (2)		
4 - 2	Local standard at this grade									
4 - 3	6.SA2(2)			9.MC (1)						10.MC (1)
4 - 4			12.SA1 (1)			15.CR (2)		8.MC (2) 9.MC (2)		14.SA2 (2)
<b>Data, Statistics and Probability</b>										
4 - 1		8.MC (2)		10.MC (2)		14.SA2 (3)		10.MC (2)		
4 - 2				14.SA2 (3)				12.SA1(1)		
4 - 3	Local standard at this grade									
4 - 4	3.MC (2)				10.MC (2)					15.CR (2)
4 - 5								14.SA2(2)		
4 - 6	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

## GRADE 6 (5)

GLE	Practice Test May 05		Released Items Oct 05		Released Items Oct 06		Released Items Oct 07		Released Items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Number and Operations</b>										
5 – 1				1.MC (2) 13.SA2 (2)		1.MC (2) 2.MC (2)	1.MC (1) 2.MC (2)		15.CR (3)	1.MC (2) 13.SA2 (2)
5 – 2	3.MC (2)	9.MC (1)	11.SA1(1)	2.MC (2)	4.MC (2)	3.MC (1)		3.MC (2)		2.MC (2)
5 – 3	7.SA2 (3)	12.SA1 (1)		3.MC (2)		5.MC (2)		4.MC (2)		
5 – 4	6.SA2 (2)		4.MC (2) 5.MC (1)		6.MC (1) 7.MC (2) 11.SA1 (1)		15.CR (2)		3.MC (2)	
5 – 5	No standard at this grade									
5 – 6	Local standard at this grade									
5 – 7	Local standard at this grade									
5 – 8	Local standard at this grade									
<b>Geometry and Measurement</b>										
5 – 1				6.MC (2) 12.SA1 (1)	8.MC (2)					4.MC (2)
5 – 2	No standard at this grade									
5 – 3				7.MC (2)				5.MC (1) 6.MC (2)		14.SA2 (3)
5 – 4	No standard at this grade									
5 – 5	Local standard at this grade									
5 – 6	2.MC (2)	13.CR (3)		8.MC (2)		13.SA2 (2)	7.MC (2)	11.SA1 (2)	5.MC (2)	
5 – 7						9.MC (2)				11.SA1 (2)
5 – 8	No standard at this grade									
5 – 9	Local standard at this grade									
5 – 10	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

**GRADE 6 (5), con't**

<i>GLE</i>	<i>Practice Test May 05</i>		<i>Released Items Oct 05</i>		<i>Released Items Oct 06</i>		<i>Released Items Oct 07</i>		<i>Released Items Oct 08</i>	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Functions and Algebra</b>										
5 – 1	1.MC (2)	8.MC (2)		9.MC (2)				13.SA2 (3)		6.MC (2)
5 – 2	Local standard at this grade									
5 – 3	5.SA1 (2)									7.MC (1)
5 – 4		10.MC (1)		14.SA2 (2)		15.CR (3)	8.MC (1)	9.MC (2)		8.MC (2)
<b>Data, Statistics and Probability</b>										
5 – 1	4.MC (2)			10.MC (3)		12.SA1 (2)	14.SA2(2)		9.MC (2)	
5 – 2						14.SA2 (2)	10.MC (2)			
5 – 3					10.MC (2)			12.SA1 (2)		10.MC (2)
5 – 4	No standard at this grade									
5 – 5		11.MC (2)		15.CR (2)					12.SA1 (2)	
5 – 6	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 7 (6)										
GLE	Practice Test May 05		Released Items Oct 05		Released Items Oct 06		Released Items Oct 07		Released Items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Number and Operations</b>										
6-1		8.MC (2)	11.SA1 (1)	1.MC (1)	15.CR (2)					1.MC (2)
6-2			13.SA2 (2)		1.MC (2)		1.MC (1)	11.SA1 (1)		2.MC (2) 11.SA1 (1)
6-3		13.CR (3)	2.MC (2)				2.MC (2)		3.MC (1)	
6-4	2.MC (2) 5.SA1 (3)		3.MC (2)		11.SA1 (1)		3.MC (3) 13.SA2(2)		4.MC (2) 5.MC (2)	
6-5	No standard at this grade									
6-6	Local standard at this grade									
6-7	Local standard at this grade									
6-8	Local standard at this grade									
<b>Geometry and Measurement</b>										
6-1	1.MC (2)			4.MC (2)		2.MC (1)	12.SA1(1)			13.SA2 (2)
6-2	No standard at this grade									
6-3	3.MC (1) 6.SA2 (1)					3.MC (1)		4.MC (2)		6.MC (2) 12.SA1 (1)
6-4	Local standard at this grade									
6-5		9.MC (2)	15.CR (3)			13.SA2 (3)	5.MC (1)			7.MC (2)
6-6			5.MC (1)			12.SA1 (2)		6.MC (2)		
6-7				6.MC (2)		4.MC (2)		7.MC (1)		
6-8	No standard at this grade									
6-9	No standard at this grade									
6-10	No standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

**GRADE 7 (6), con't**

<b>GLE</b>	<b>Practice Test May 05</b>		<b>Released items Oct 05</b>		<b>Released items Oct 06</b>		<b>Released Items Oct 07</b>		<b>Released Items Oct 08</b>	
	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>
<b>Functions and Algebra</b>										
6-1		10.MC (2) 12.SA1 (3)		7.MC (2)	5.MC (2)	6.MC (2) 14.SA2 (2)	8.MC(1)			
6-2				14.SA2 (3)		7.MC (2)		9.MC (2)		
6-3	4.MC (2)			12.SA1 (1)		8.MC (1)				8.MC (1) 15.CR (3)
6-4			8.MC (2)					10.MC (2) 14.SA2 (3)		9.MC (1)
<b>Data, Statistics and Probability</b>										
6-1	7.SA2 (2)			9.MC (2)						10.MC (2)
6-2						9.MC (2)				
6-3	Local standard at this grade									
6-4		11.MC (1)		10.MC (1)					14.SA2 (2)	
6-5						10.MC (2)		15.CR (3)		
6-6	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 8 (7)										
GLE	Practice Test May 05		Released items Oct 05		Released items Oct 06		Released Items Oct 07		Released Items Oct 08	
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Number and Operations</b>										
7-1		9.MC (2)					2.MC (2)	1.MC (1)	1.MC (2)	
7-2	6.SA2 (2)	8.MC (2)	15.CR (2)		1.MC (1)		11.SA1(3)		2.MC (2)	
7-3	Local standard at this grade									
7-4	7.SA2 (2)		1.MC (2)		2.MC (2) 13.SA2 (2)		3.MC (1)		3.MC (1) 11.SA1 (2)	
7-5	No standard at this grade									
7-6	Local standard at this grade									
7-7	Local standard at this grade									
7-8	Local standard at this grade									
<b>Geometry and Measurement</b>										
7-1	1.MC (2)		2.MC (1)						4.MC (1)	
7-2			3.MC (2)		3.MC (2)			12.SA1 (2)		13.SA2 (2)
7-3	No standard at this grade									
7-4				4.MC (2)				4.MC (1)		5.MC (2)
7-5		11.MC (2)			4.MC (1)	14.SA2 (2)				
7-6			13.SA2(2)			11.SA1 (2)		15.CR (2)		6.MC (1)
7-7	No standard at this grade									
7-8	No standard at this grade									
7-9	No standard at this grade									
7-10	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

**GRADE 8 (7), con't**

<b>GLE</b>	<b>Practice Test May 05</b>		<b>Released Items Oct 05</b>		<b>Released items Oct 06</b>		<b>Released Items Oct 07</b>		<b>Released Items Oct 08</b>	
	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>	<b>No Tools</b>	<b>Tools/Calc</b>
<b>Functions and Algebra</b>										
7-1	2.MC (2)	13.CR (2)		5.MC (2) 14.SA2 (3)		5.MC (2) 6.MC (2)				7.MC (2) 12.SA1 (2)
7-2	3.MC (1)			6.MC (1) 7.MC (2)		7.MC (2) 12.SA1 (2)		5.MC (2)		8.MC (2) 9.MC (2)
7-3	5.SA1 (2)			11.SA1 (2)		8.MC (1) 9.MC (1)	6.MC (1) 13.SA2 (2)	7.MC (3)	10.MC (1)	
7-4		10.MC (1)		8.MC (2)		10.MC (2)		8.MC (2) 9.MC (2)		14.SA2 (2)
<b>Data, Statistics and Probability</b>										
7-1				12.SA1 (2)						15.CR (3)
7-2		12.SA1 (3)		9.MC (2)				14.SA2 (3)		
7-3								10.MC (2)		
7-4	Local standard at this grade									
7-5	4.MC (2)			10.MC (1)		15.CR (3)				
7-6	Local standard at this grade									

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 11 (9-10)								
GSE	Practice Test Aug 07		Released Items Oct 07		Released Items Oct 08			
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc
<b>Number and Operations</b>								
10 – 1	No standard at this level							
10 – 2			1.MC (2) 13.SA1(2)		1.MC (2) 13.SA1 (2) 19.SA2 (3)			
10 – 3	No standard at this level							
10 – 4	6.CR (2)		2.MC (2) 19.SA2(2)		2.MC (2)			
10 – 5	No standard at this level							
10 – 6	No standard at this level (local only)							
10 – 7	No standard at this level (local only)							
10 – 8	No standard at this level (local only)							
<b>Geometry and Measurement</b>								
10 – 1	No standard at this level							
10 – 2			22.CR (2)	3.MC (1)		3.MC (1) 14.SA1 (1)		
10 – 3	No standard at this level							
10 – 4		7.MC (2)	4.MC (2)		4.MC (1)			
10 – 5	2.MC (2)			5.MC (2)	5.MC (2)			
10 – 6	4.MC (2)			14.SA1 (2)		20.SA2 (2)		
10 – 7						22.CR (2)		
10 – 8	No standard at this level							
10 – 9	5.SA1 (2)			6.MC (1)		15.SA1 (1)		
10 – 10	No standard at this level (local only)							

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.

GRADE 11 (9-10), con't								
GSE	Practice Test Aug 07		Released Items Oct 07		Released Items Oct 08		No Tools	Tools/Calc
	No Tools	Tools/Calc	No Tools	Tools/Calc	No Tools	Tools/Calc		
<b>Functions and Algebra</b>								
10 – 1	3.MC (2)			7.MC (2) 20.SA2 (2)	6.MC (2) 16.SA1 (2)			
10 – 2		10.MC (2)	8.MC (1) 9.MC (2) 10.MC (1)	15.SA1 (1)	23.CR (2)	7.MC (1)		
10 – 3	1.MC (1)			11.MC (1)	8.MC (1) 17.SA1 (2)			
10 – 4		8.MC (1) 11.SA1 (2)		12.MC (2) 16.SA1 (2) 21.SA2 (2)	10.MC (2) 18.SA1 (1)	9.MC (1)		
<b>Data, Statistics and Probability</b>								
10 – 1		9.MC (2) 12.SA2 (2)				11.MC (2)		
10 – 2		13.SA2 (3)				21.SA2 (3)		
10 – 3					12.MC (2)			
10 – 4				17.SA1 (2)				
10 – 5			18.SA1(2)	23.CR (2)				
10 – 6	No standard at this level (local only)							

No Tools = Calculator and other tools were **not** allowed for this item. Tools/Calc = Calculator and other tools were allowed for this item.

Item types: **MC** = Multiple-choice **SA1** = 1 point, student provides short answer **SA2** = 2 points, student provides short answer(s)  
**CR** = 4 points, student provides more extensive response(s)

Item codes: The number preceding the item type is the number of the item in the set of released items. The number in parentheses following the item type is the depth of knowledge level (DOK). EXAMPLE: 1.SA1 (2) indicates that Item 1 is a short-answer, 1-point item at DOK level 2.