



**SMARTERAPP SPECIFICATION**  
for  
**SCORING TEST PACKAGE FORMAT**

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## Revision History

Version	Revision Description	Author/Modifier	Date
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### Purpose

The purpose of this document is to provide a format specification describing the Scoring Test Package for the Test Delivery System (TDS). This package defines the scoring rules and performance levels for a test and is used within the Test Integration System (TIS).

### Package Usage

#### Test Integration System

The *tp.spLoader\_Main* stored procedure located in the *OSS\_Itembank* database on the TIS SQL Server instance is used to load this test into TIS in order to allow scoring of the test.

### Test Package Data Format Conventions

Table 1 provides information regarding the XML test package format, such as the allowable values, sizes, and descriptions, as well as any standards alignment. Also included in this document are a sample XML test package. The fields in Table 1 below follow these conventions:

- **Case sensitivity:** Field names are case sensitive and follow the guideline that the XML *Node/Element* and *node attributes* are in lowercase.
- **Order sensitivity:** Fields are not order-sensitive.
- **Non-required (optional) fields:** By default, these fields do not need to be included in the XML file. A missing optional field is simply treated as not present or not applicable.

### Scoring Test Package Format Specification

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
testspecification		testspecification					
	purpose		100	Always	Defines the purpose of this test package which can be administration, registration, scoring and reporting.	scoring	xsd:token
	publisher		255	Always	The publisher of this package	One or more printable ASCII characters	xsd:token
	publishdate		30	Always	The date this package was published	String representation of a date and time. For example: Aug 19 2015 3:43PM	xsd:dateTime
	version		10	Always	The version of this test specification	Decimal	xsd:decimal
identifier		testspecification:identifier					
	uniqueid		250	Always	Uniquely identifies the test	One or more printable ASCII characters	xsd:token
	name		200	Always	More readable test name	One or more printable ASCII characters	xsd:token
	label		200	Always	Displayed test name	One or more printable ASCII characters	xsd:token
	version		10	Always	Test version	Integer	xsd:integer
property		testspecification:property			Multiple test properties		
	name		200	Always	Defines a property for this test. This is where the grade, subject and test type are defined.	One or more printable ASCII characters Required properties include: grade, subject, type	xsd:token
	value		200	Always	The value for this property	One or more printable ASCII characters	xsd:token

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	label		200	Always	The display label for this property	One or more printable ASCII characters	xsd:token
scoring		testspecification:scoring					
testblueprint		testspecification:scoring:testblueprint					
bplement		testspecification:scoring:testblueprint:bplement					
	elementype		100	Always	The type of blueprint element.	test, segment, strand, contentlevel	xsd:token
	parented		150	Optional	Defines this blueprint element as a child of a parent element.  References testspecification:scoring:testblueprint:bplement:identifier[@uniqueid]	One or more printable ASCII characters	xsd:token
	minopitems		4	Always	Minimum number of operational items the adaptive algorithm will include.	0 <= Integer <= maxopitems  NOTE: All child element values must work with the parent values. Meaning if the child elements each have a minimum value of 2, then the parent element must have a maximum value >= 4 in order to satisfy all conditions.	xsd:integer
	maxopitems		4	Always	Maximum number of operational items the adaptive algorithm will include.	1 <= Integer >= minopitems  NOTE: All child element values must work with the parent values. Meaning if the child elements each have a minimum value of 2, then the parent element must have a maximum value >= 4 in order to satisfy all conditions.	xsd:ineger
	minftitems		4	Optional	Minimum number of field test items the adaptive algorithm will include. Defaults to 0 if not provided.	0 <= Integer <= maxftitems  NOTE: All child element values must work with the parent values. Meaning if	xsd:integer

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
						the child elements each have a minimum value of 2, then the parent element must have a maximum value $\geq 4$ in order to satisfy all conditions.	
	maxfitems		4	Optional	Maximum number of field test items the adaptive algorithm will include. Defaults to 0 if not provided.	$0 \leq \text{Integer} \leq \text{minfitems}$ NOTE: All child element values must work with the parent values. Meaning if the child elements each have a minimum value of 2, then the parent element must have a maximum value $\geq 4$ in order to satisfy all conditions.	xsd:integer
	opitemcount		4	Always	The number of operational items that belong to this group (strand or content level).	Integer > 0	xsd:integer
	ftitemcount		4	Always	The number of filed test items that belong to this group (strand or content level).	Integer > 0	xsd:integer
identifier		testspecification:scoring:testblueprint:bplement:identifier		Always			
	uniqueid		250	Always	Uniquely identifies the blueprint element	One or more printable ASCII characters	xsd:token
	name		255	Always	Name of the blueprint element	One or more printable ASCII characters	xsd:token
	version		10	Always	Version of the blueprint element	Integer	xsd:integer
itempool		testspecification:scoring:itempool		Always			
passage		testspecification:scoring:itempool:passage		Optional			
	filename		50	Always	References an XML file in the stimulus directory	One or more printable ASCII characters	xsd:token

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
identifier		testspecification:scoring:itempool:passage:identifier		Required when passage parent is provided			
	uniqueid		150	Always	Uniquely identifies the passage	One or more printable ASCII characters	xsd:token
	version		10	Always		Integer	xsd:integer
testitem		testspecification:scoring:itempool:testitem		Always			
	filename		200	Always	References an XML file in the items directory. The path is determined by the identifier uniqueid and the filename	One or more printable ASCII characters	xsd:token
	itemtype		50	Always	The item type code	ESBR, ER, EQ, GI, HTQ, MI, MS, NL, SA, TI, WER	xsd:token
identifier		testspecification:scoring:itempool:testitem:identifier		Always			
	uniqueid		150	Always	Uniquely identifies the test item	One or more printable ASCII characters Examples include 187-1576, 187-1578, etc.	xsd:token
	name		80	Optional	Name of the test item	One or more printable ASCII characters	xsd:token
	version		10	Always	Test item version	Integer	xsd:integer



Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
bpref		testspecification:scoring:itempool:testitem:bpref	100	Always	Multipl blueprint reference. Refers to testspecification:scoring:testblueprint:bpelement:identifier[@uniqueid]	One or more printable ASCII characters	xsd:token
passageref		testspecification:scoring:itempool:testitem:passageref	150	Optional	Passage reference. Refers to testspecification:scoring:itempool:passage:identifier[@uniqueid]	One or more printable ASCII characters	xsd:token
poolproperty		testspecification:scoring:itempool:testitem:poolproperty					
	property		50	Always	Refers to testspecification:administration:poolproperty[@property]	One or more printable ASCII characters	xsd:token
	value		128	Always	Refers to testspecification:administration:poolproperty[@value]	One or more printable ASCII characters	xsd:token
	label		150	Always	Refers to testspecification:administration:poolproperty[@label]	One or more printable ASCII characters	xsd:token
itemscoredimension		testspecification:scoring:itempool:testitem:itemscoredimension			Scoring information for this particular item		
	measurementmodel		100	Always	The type of measurement model to use.	IRT3PLn, IRT3pl, IRTPCL, IRTGPC	xsd:token

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	scorepoints		10	Always	Scoring points for this scoring dimension	Integer >= 0	xsd:integer
	weight		30	Always	Weight applied for this scoring dimension	Float	xsd:float
	dimension		200	Optional		One or more printable ASCII characters	xsd:token
itemscoreparameter		testspecification:scoring:itempool:testitem:itemscoredimension:itemscoreparameter					
	measurementparameter		50	Always	Defines which parameter this value will be used for.	a, b, c, b0, b1	xsd:token
	value		30	Always	Parameter value used in the scoring model	Float	xsd:float
testform		testspecification:scoring:testform		Required when fixedform			
	length			Always	Number of items in this test form	Integer >= 1	xsd:integer
identifier		testspecification:scoring:testform:identifier		Always			
	uniqueid		200	Always	Uniquely identifies the test form	One or more printable ASCII characters	xsd:token
	name		200	Always	Name of the test form	One or more printable ASCII characters	xsd:token
	version		10	Always	Version of the test form	Integer	xsd:integer

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
property		testspecification:scoring:testform:property		Optional	Multiple test form related properties		
	name		200	Always	Test form property name	One or more printable ASCII characters	xsd:token
	value		200	Always	Value for the test form property	One or more printable ASCII characters	xsd:token
	label		200	Always	Display label for this type of property	One or more printable ASCII characters	xsd:token
poolproperty		testspecification:scoring:testform:poolproperty		Optional	Multiple test form related pool properties		
	property		200	Always	Refers to testspecification:administration:poolproperty[@property]	One or more printable ASCII characters	xsd:token
	value		200	Always	Refers to testspecification:administration:poolproperty[@value]	One or more printable ASCII characters	xsd:token
	label		200	Always	Refers to testspecification:administration:poolproperty[@label]	One or more printable ASCII characters	xsd:token
formpartition		testspecification:scoring:testform:formpartition			Each testform has at least one formpartition, one of r each fixed format segment.		
identifier		testspecification:scoring:testform:formpartition:identifier					
	uniqueid		200	Always	Form partition identifier	One or more printable ASCII characters	xsd:token
	name		250	Always	Name of the form partition	One or more printable ASCII characters	xsd:token
	version		10	Always	Version of the form partition	Integer	xsd:integer
itemgroup		testspecification:scoring:testform:formpartition:itemgroup					

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	formposition		10	Always	Used for ordering the item group within this form partition	Integer >= 1	xsd:integer
	maxitems		10	Always	Maximum number of items in this form partition	Integer >= 1 or "ALL"	xsd:token
	maxresponses		10	Always	Maximum responses for this form partition	Integer >= 1 or "ALL"	xsd:token
identifier		testspecification:scoring:testform:formpartition:itemgroup:identifier					
	uniqueid		200	Always	Uniquely identifies this form partition	One or more printable ASCII characters	xsd:token
	name		200	Always	Name of this form partition	One or more printable ASCII characters	xsd:token
	version		10	Always	Version of this form partition	Integer	xsd:integer
passageref		testspecification:scoring:testform:formpartition:itemgroup:passageref	100	Optional	Passage reference. Refers to testspecification:scoring:itempool:passage:identifier[@uniqueid]	One or more printable ASCII characters	xsd:token
groupitem		testspecification:scoring:testform:formpartition:itemgroup:groupitem					
	itemid		150	Always	Item reference. Refers to testspecification:scoring:itempool:testitem:identifier[@uniqueid]	One or more printable ASCII characters	xsd:token

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	formposition		10	Optional	The order of this item within the form partition.	Integer >= 1	xsd:integer
	groupposition		10	Always	The order of this item within the item group.	Integer >= 1	xsd:integer
	adminrequired		5	Always		true, false	xsd:boolean
	responserequired		5	Always	Determines if the item is required	true, false	xsd:boolean
	isactive		5	Always	Determines if the item is used	true, false	xsd:boolean
	isfieldtest		5	Always	Determines if the item is considered a field test item	true, false	xsd:boolean
	blockid		10	Always	Used to group items into blocks for the field test selection algorithm. Note that the Test Authoring assigns "A" for all items.	One or more printable ASCII characters A, B, etc.	xsd:token
performancelevels		testspecification:scoring:performancelevels		Always	Sets the performance level groups. Contains multiple performancelevel elements		
performancelevel		testspecification:scoring:performancelevels:performancelevel		Always			
	bpelementid		150	Always	Blueprint reference. Refers to testspecification:scoring:testblueprint:bpelement:identifier[@uniqueid]	One or more printable ASCII characters	
	plevel		10	Always		Integer >= 1	xsd:integer
	scaledlo		30	Always	Low score to include in this performance level	Float	xsd:float

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	scaledhi		30	Always	High score to include in this performance level	Float	xsd:float
scoringrules		testspecification:scoring:scoring rules		Always	Defines the scoring rules and computations that will be used. Contains multiple computationrule elements		
computationrule		testspecification:scoring:scoring rules:computationrule			Type of computation to perform when scoring the test.		
	computationorder		10	Always	The order that the computations are processed.	Integer, X >= 1	xsd:integer
	bpelementid		150	Always	Blueprint reference. Refers to testspecification:scoring:testblueprint:bpelement:identifier[@uniqueid]	One or more printable ASCII characters	xsd:token
identifier		testspecification:scoring:scoring rules:computationrule:identifier					
	uniqueid		250	Always	Uniquely identifies this rule	One or more printable ASCII characters Unique value commonly a GUID	

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	name		200	Always	The code that corresponds to the type of rule	ItemCount, ItemCountScored, MultipleStrandItemCount, MultipleStrandItemCountScored, MultiStrandRawScore, RawScore, SBACAccommodationUseCodes, SBACAttemptedness, SBACMultiSegmentTheta, SBACMultiStrandTheta, SBACNumBlocks, SBACNumBlocksProficient, SBACTheta, ScaleScore, SEBasedPerformanceIndicator, SEBasedPLWithRounding, TestPerformanceLevel, SBACCATMultiStrandTheta, SBACCATTheta	
	label		200	Always	Display label for the specific rule type	One or more printable ASCII characters For example, ThetaScore, ItemCountScored	
	version		10	Always	Version number	Float	xsd:float
computationruleparameter		testspecification:scoring:scoringrules:computationrule:computationruleparameter					
	position		10	Always	Order of this parameter within scoring method signature	Integer >= 1	xsd:integer
	parametertype		16	Always	Defines the parameter variable type	int, double, string	xsd:token
identifier		testspecification:scoring:scoringrules:computationrule:computationruleparameter:identifier					

Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	uniqueid		250	Always	Uniquely identifies this rule parameter	One or more printable ASCII characters Unique value, GUID is commonly used	xsd:token
	name		128	Always	Parameter name	One or more printable ASCII characters	xsd:token
	version		30	Always	Version number	Float	xsd:float
property				Optional			
	name		200	Always	If indextype is provided, then the parameter is a Dictionary and each parameter value must define the index attribute.	indextype	xsd:token
	value		200	Always		int, double, string	xsd:token
computationruleparametervalue		testspecification:scoring:scoringrules:computationrule:computationruleparameter:computationruleparametervalue					
	index		10	Required when an indextype property is provided		The value, if provided, must match the type defined in the indextype property value attribute.	xsd:integer



Category / Node (XML Element)	Field Name (attribute)	XML Hierarchy	Width (chars)	Required	Data Element Description	Acceptable Values	Data Type
	value		255		The type must match what is defined in testspecification:scoring:scoringrules:computationrule:computationruleparameter[@parametertype]	One or more printable ASCII characters	xsd:token

### Computation Rule Definitions

Each computation rule requires different parameters based on the rule type. The table below defines the parameters that are required in order to properly define the various types of rules allowed.

Rule Name	Label	Parameter Position	Parameter Type	Parameter Name	Parameter Index Type
ItemCount	ItemCount				
ItemCountScored	ItemCountScored				
MultipleStrandItemCount	ItemCount	1	string	strands	int
MultipleStrandItemCountScored	ItemCountScored	1	string	subscales	int
MultiStrandRawScore	RawScore	1	string	strands	int
RawScore	RawScore				
SBACAttemptedness	Attempted	1	int	testPart	string
SBACBlockAttemptedness	Attempted	1	int	segments	string
SBACCATMultiStrandTheta	ThetaScore	1	double	LOT	
		2	double	HOT	
		3	double	seLimit	
		4	string	strands	int
		5	double	averageA	

		6	double	average	
SBACCATTheta	ThetaScore	1	double	LOT	
		2	double	HOT	
		3	double	seLimit	
		4	double	averageA	
		5	double	average	
SBACIABAttemptedness	Attempted				
SBACMultiSegmentTheta	ThetaScore	1	double	LOT	
		2	double	HOT	
		3	double	seLimit	
		4	int	segments	string
SBACNumBlocks	NumBlocks	1	string	blocks	int
SBACNumBlocksProficient	NumBlocks	1	string	blocks	int
ScaleScore	ScaleScore				
SEBasedPerformanceIndicator	PerformanceLevel	1	double	seMultiple	
SEBasedPerformanceIndicator		2	int	proficientPerformanceLevel	
SEBasedPLWithRounding	PerformanceLevel	1	double	seMultiple	
		2	int	proficientPerformanceLevel	
		3	double	LOT	
		4	double	HOT	
TestPerformanceLevel	PerformanceLevel				

### Sample XML Output

Multiple examples can be found in the Implementation Readiness Package (IRP) found here:

<ftp://ftp.smarterbalanced.org/~sbacpublic/Public/ImplementationReadiness/2016.02.24.IrpTestPackageAndContent.zip>. The registration packages are located in the `/Test Packages/TIS/Scoring` directory.

Below is the Math 3 Combined Test Scoring Package from the IRP:

```
<testspecification purpose="scoring" publisher="SBAC_PT" publishdate="Aug 19 2015 4:37PM" version="1.0">
  <identifier uniqueid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016" name="SBAC-IRP-MATH-3-COMBINED" label="Grade 3 MATH" version="8175" />
  <property name="subject" value="MATH" label="MATH" />
  <property name="grade" value="3" label="grade 3" />
  <property name="type" value="summative" label="summative" />
  <scoring>
    <testblueprint>
      <bpelement elementtype="test" minopitems="12" maxopitems="12" minftitems="0" maxftitems="0" opitemcount="21" ftitemcount="0">
        <identifier uniqueid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016" name="SBAC-IRP-MATH-3-COMBINED" version="8175" />
      </bpelement>
      <bpelement elementtype="segment" minopitems="8" maxopitems="8" minftitems="0" maxftitems="0" opitemcount="17" ftitemcount="0">
        <identifier uniqueid="(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016" name="SBAC-IRP-CAT-COMBINED-MATH-3" version="8175" />
      </bpelement>
      <bpelement elementtype="segment" minopitems="4" maxopitems="4" minftitems="0" maxftitems="0" opitemcount="4" ftitemcount="0">
        <identifier uniqueid="(SBAC_PT)SBAC-IRP-Perf-COMBINED-MATH-3-Summer-2015-2016" name="SBAC-IRP-Perf-COMBINED-MATH-3" version="8175" />
      </bpelement>
      <bpelement elementtype="affinitygroup" minopitems="2" maxopitems="2" opitemcount="2" ftitemcount="0">
        <identifier uniqueid="G3Math_Claim1_MC/MS" name="G3Math_Claim1_MC/MS" version="8175" />
      </bpelement>
      <bpelement elementtype="affinitygroup" minopitems="2" maxopitems="2" opitemcount="4" ftitemcount="0">
        <identifier uniqueid="G3Math_Claim2/4" name="G3Math_Claim2/4" version="8175" />
      </bpelement>
      <bpelement elementtype="affinitygroup" minopitems="2" maxopitems="8" opitemcount="9" ftitemcount="0">
        <identifier uniqueid="G3Math_DOK2" name="G3Math_DOK2" version="8175" />
      </bpelement>
      <bpelement elementtype="strand" minopitems="4" maxopitems="7" opitemcount="9" ftitemcount="0">
        <identifier uniqueid="SBAC_PT-1" name="1" version="8175" />
      </bpelement>
      <bpelement elementtype="contentlevel" parentid="SBAC_PT-1" minopitems="0" maxopitems="14" opitemcount="4" ftitemcount="0">
        <identifier uniqueid="SBAC_PT-1|MD" name="1|MD" version="8175" />
      </bpelement>
      <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD" minopitems="0" maxopitems="8" opitemcount="1" ftitemcount="0">
        <identifier uniqueid="SBAC_PT-1|MD|G-3" name="1|MD|G-3" version="8175" />
      </bpelement>
      <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|G-3" minopitems="0" maxopitems="8" opitemcount="1" ftitemcount="0">
        <identifier uniqueid="SBAC_PT-1|MD|G-3|m" name="1|MD|G-3|m" version="8175" />
      </bpelement>
      <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|G-3|m" minopitems="0" maxopitems="8" opitemcount="1" ftitemcount="0">

```

```

    <identifier uniqueid="SBAC_PT-1|MD|G-3|m|3.MD.2" name="1|MD|G-3|m|3.MD.2" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|H-3" name="1|MD|H-3" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|H-3" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|H-3|a/s" name="1|MD|H-3|a/s" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|H-3|a/s" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|H-3|a/s|3.MD.3" name="1|MD|H-3|a/s|3.MD.3" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|I-3" name="1|MD|I-3" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|I-3" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|I-3|m" name="1|MD|I-3|m" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|I-3|m" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|I-3|m|3.MD.7d" name="1|MD|I-3|m|3.MD.7d" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|J-3" name="1|MD|J-3" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|J-3" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|J-3|a/s" name="1|MD|J-3|a/s" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|MD|J-3|a/s" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|MD|J-3|a/s|3.MD.8" name="1|MD|J-3|a/s|3.MD.8" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|NBT" name="1|NBT" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|NBT" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|NBT|E-3" name="1|NBT|E-3" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|NBT|E-3" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|NBT|E-3|a/s" name="1|NBT|E-3|a/s" version="8175" />
  </bpelement>
  <bpelement elementtype="contentlevel" parentid="SBAC_PT-1|NBT|E-3|a/s" minopittems="0" maxopittems="8" opitemcount="1" ftitemcount="0">
    <identifier uniqueid="SBAC_PT-1|NBT|E-3|a/s|3.NBT.2" name="1|NBT|E-3|a/s|3.NBT.2" version="8175" />
  </bpelement>
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</bpelement>
<bpelement elementtype="contentlevel" parentid="SBAC_PT-2|MD" minopitems="0" maxopitems="8" opitemcount="2" ftitemcount="0">
  <identifier uniqueid="SBAC_PT-2|MD|A" name="2|MD|A" version="8175" />
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<bpelement elementtype="contentlevel" parentid="SBAC_PT-2|MD" minopitems="0" maxopitems="8" opitemcount="1" ftitemcount="0">
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<bpelement elementtype="contentlevel" parentid="SBAC_PT-2|MD|B" minopitems="0" maxopitems="8" opitemcount="1" ftitemcount="0">
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<bpelement elementtype="contentlevel" parentid="SBAC_PT-3" minopitems="0" maxopitems="8" opitemcount="2" ftitemcount="0">
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<bpelement elementtype="contentlevel" parentid="SBAC_PT-3|MD|C" minopitems="0" maxopitems="8" opitemcount="1" ftitemcount="0">
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  <bpelement elementtype="contentlevel" parentid="SBAC_PT-3|OA|D" minopititems="0" maxopititems="8" opitemcount="1" fitemcount="0">
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  </bpelement>
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</bpelement>
</testblueprint>
<itempool>
<passage filename="stim-187-3700.xml">
  <identifier uniqueid="187-3700" version="8175" />
</passage>
<testitem filename="item-187-1576.xml" itemtype="EQ">
  <identifier uniqueid="187-1576" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-Perf-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>SBAC_PT-2</bpref>
  <bpref>SBAC_PT-2|MD</bpref>
  <bpref>SBAC_PT-2|MD|A</bpref>
  <passageref>187-3700</passageref>
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.0000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.4264700000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="-1.8965900000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.0000000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1578.xml" itemtype="GI">
  <identifier uniqueid="187-1578" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-Perf-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>SBAC_PT-4</bpref>
  <bpref>SBAC_PT-4|MD</bpref>
  <bpref>SBAC_PT-4|MD|A</bpref>
  <passageref>187-3700</passageref>
  <poolproperty property="--ITEMTYPE--" value="GI" label="GI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRTGPC" scorepoints="2" weight="1.0000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="5.8800000000000000e-001" />
    <itemscoreparameter measurementparameter="b0" value="-8.8786000000000000e-001" />
    <itemscoreparameter measurementparameter="b1" value="-1.5336000000000000e-001" />
  </itemscoredimension>
</testitem>
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  <identifier uniqueid="187-1793" version="8175" />
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  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|OA</bpref>
  <bpref>SBAC_PT-1|OA|C-3</bpref>
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<bpref>SBAC_PT-1|OA|C-3|m|3.OA.7</bpref>
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<poolproperty property="Language" value="ENU" label="English" />
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  <itemscoreparameter measurementparameter="a" value="1.000000000000000e+000" />
  <itemscoreparameter measurementparameter="b" value="1.000000000000000e-015" />
  <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
</itemscoredimension>
</testitem>
<testitem filename="item-187-1966.xml" itemtype="GI">
  <identifier uniqueid="187-1966" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>SBAC_PT-3</bpref>
  <bpref>SBAC_PT-3|G</bpref>
  <bpref>SBAC_PT-3|G|F</bpref>
  <bpref>SBAC_PT-3|G|F|NA</bpref>
  <bpref>SBAC_PT-3|G|F|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="GI" label="GI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.000000000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="1.000000000000000e-015" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1972.xml" itemtype="GI">
  <identifier uniqueid="187-1972" version="8175" />
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  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|NF</bpref>
  <bpref>SBAC_PT-1|NF|F-3</bpref>
  <bpref>SBAC_PT-1|NF|F-3|m</bpref>
  <bpref>SBAC_PT-1|NF|F-3|m|3.NF.3c</bpref>
  <poolproperty property="--ITEMTYPE--" value="GI" label="GI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="5.505700000000000e-001" />
    <itemscoreparameter measurementparameter="b" value="5.695100000000000e-001" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1973.xml" itemtype="MC">
  <identifier uniqueid="187-1973" version="8175" />
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  <bpref>G3Math_Claim1_MC/MS</bpref>

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<bpref>SBAC_PT-1</bpref>
<bpref>SBAC_PT-1|0A</bpref>
<bpref>SBAC_PT-1|0A|A-3</bpref>
<bpref>SBAC_PT-1|0A|A-3|m</bpref>
<bpref>SBAC_PT-1|0A|A-3|m|3.OA.3</bpref>
<poolproperty property="--ITEMTYPE--" value="MC" label="MC" />
<poolproperty property="Language" value="ENU" label="English" />
<itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.000000000000000e+000">
  <itemscoreparameter measurementparameter="a" value="1.000000000000000e+000" />
  <itemscoreparameter measurementparameter="b" value="1.000000000000000e-015" />
  <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
</itemscoredimension>
</testitem>
<testitem filename="item-187-1975.xml" itemtype="EQ">
  <identifier uniqueid="187-1975" version="8175" />
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  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|NBT</bpref>
  <bpref>SBAC_PT-1|NBT|E-3</bpref>
  <bpref>SBAC_PT-1|NBT|E-3|a/s</bpref>
  <bpref>SBAC_PT-1|NBT|E-3|a/s|3.NBT.2</bpref>
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="5.812100000000000e-001" />
    <itemscoreparameter measurementparameter="b" value="1.290840000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
</testitem>
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  <identifier uniqueid="187-1976" version="8175" />
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  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|MD</bpref>
  <bpref>SBAC_PT-1|MD|H-3</bpref>
  <bpref>SBAC_PT-1|MD|H-3|a/s</bpref>
  <bpref>SBAC_PT-1|MD|H-3|a/s|3.MD.3</bpref>
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.000000000000000e+000">
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    <itemscoreparameter measurementparameter="b" value="-1.108910000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
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  <bpref>G3Math_Claim2/4</bpref>
  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-4</bpref>
  <bpref>SBAC_PT-4|OA</bpref>
  <bpref>SBAC_PT-4|OA|E</bpref>
  <bpref>SBAC_PT-4|OA|E|NA</bpref>
  <bpref>SBAC_PT-4|OA|E|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.0000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.0000000000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="1.0000000000000000e-015" />
    <itemscoreparameter measurementparameter="c" value="0.0000000000000000e+000" />
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</testitem>
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  <identifier uniqueid="187-1979" version="8175" />
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  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-3</bpref>
  <bpref>SBAC_PT-3|NF</bpref>
  <bpref>SBAC_PT-3|NF|A</bpref>
  <bpref>SBAC_PT-3|NF|A|NA</bpref>
  <bpref>SBAC_PT-3|NF|A|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="GI" label="GI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRTGPC" scorepoints="2" weight="1.0000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.0000000000000000e+000" />
    <itemscoreparameter measurementparameter="b0" value="1.0000000000000000e-015" />
    <itemscoreparameter measurementparameter="b1" value="1.0000000000000000e-015" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1986.xml" itemtype="EQ">
  <identifier uniqueid="187-1986" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|MD</bpref>
  <bpref>SBAC_PT-1|MD|G-3</bpref>
  <bpref>SBAC_PT-1|MD|G-3|m</bpref>
  <bpref>SBAC_PT-1|MD|G-3|m|3.MD.2</bpref>
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
  <poolproperty property="Language" value="ENU" label="English" />

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<itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.00000000000000e+000">
  <itemscoreparameter measurementparameter="a" value="1.00000000000000e+000" />
  <itemscoreparameter measurementparameter="b" value="1.00000000000000e-015" />
  <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
</itemscoredimension>
</testitem>
<testitem filename="item-187-1987.xml" itemtype="EQ">
  <identifier uniqueid="187-1987" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|MD</bpref>
  <bpref>SBAC_PT-1|MD|J-3</bpref>
  <bpref>SBAC_PT-1|MD|J-3|a/s</bpref>
  <bpref>SBAC_PT-1|MD|J-3|a/s|3.MD.8</bpref>
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.00000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.18970000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="1.94635000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1988.xml" itemtype="MI">
  <identifier uniqueid="187-1988" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-3</bpref>
  <bpref>SBAC_PT-3|OA</bpref>
  <bpref>SBAC_PT-3|OA|D</bpref>
  <bpref>SBAC_PT-3|OA|D|NA</bpref>
  <bpref>SBAC_PT-3|OA|D|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="MI" label="MI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.00000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="7.34880000000000e-001" />
    <itemscoreparameter measurementparameter="b" value="-1.00606000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1991.xml" itemtype="EQ">
  <identifier uniqueid="187-1991" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|MD</bpref>
  <bpref>SBAC_PT-1|MD|I-3</bpref>

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<bpref>SBAC_PT-1|MD|I-3|m</bpref>
<bpref>SBAC_PT-1|MD|I-3|m|3.MD.7d</bpref>
<poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
<poolproperty property="Language" value="ENU" label="English" />
<itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.000000000000000e+000">
  <itemscoreparameter measurementparameter="a" value="8.254600000000000e-001" />
  <itemscoreparameter measurementparameter="b" value="2.037520000000000e+000" />
  <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
</itemscoredimension>
</testitem>
<testitem filename="item-187-1996.xml" itemtype="EQ">
  <identifier uniqueid="187-1996" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_Claim2/4</bpref>
  <bpref>SBAC_PT-4</bpref>
  <bpref>SBAC_PT-4|MD</bpref>
  <bpref>SBAC_PT-4|MD|C</bpref>
  <bpref>SBAC_PT-4|MD|C|NA</bpref>
  <bpref>SBAC_PT-4|MD|C|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRTGPC" scorepoints="2" weight="1.000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="7.955800000000000e-001" />
    <itemscoreparameter measurementparameter="b0" value="-1.194170000000000e+000" />
    <itemscoreparameter measurementparameter="b1" value="1.145090000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-2001.xml" itemtype="MC">
  <identifier uniqueid="187-2001" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-3</bpref>
  <bpref>SBAC_PT-3|MD</bpref>
  <bpref>SBAC_PT-3|MD|C</bpref>
  <bpref>SBAC_PT-3|MD|C|NA</bpref>
  <bpref>SBAC_PT-3|MD|C|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="MC" label="MC" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.000000000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="1.000000000000000e-015" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-2015.xml" itemtype="MS">
  <identifier uniqueid="187-2015" version="8175" />

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<bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
<bpref>G3Math_Claim1_MC/MS</bpref>
<bpref>SBAC_PT-1</bpref>
<bpref>SBAC_PT-1|NF</bpref>
<bpref>SBAC_PT-1|NF|F-3</bpref>
<bpref>SBAC_PT-1|NF|F-3|m</bpref>
<bpref>SBAC_PT-1|NF|F-3|m|3.NF.3a</bpref>
<poolproperty property="--ITEMTYPE--" value="MS" label="MS" />
<poolproperty property="Language" value="ENU" label="English" />
<itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.0000000000000000e+000">
  <itemscoreparameter measurementparameter="a" value="1.0000000000000000e+000" />
  <itemscoreparameter measurementparameter="b" value="1.0000000000000000e-015" />
  <itemscoreparameter measurementparameter="c" value="0.0000000000000000e+000" />
</itemscoredimension>
</testitem>
<testitem filename="item-187-2017.xml" itemtype="GI">
  <identifier uniqueid="187-2017" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_Claim2/4</bpref>
  <bpref>SBAC_PT-4</bpref>
  <bpref>SBAC_PT-4|OA</bpref>
  <bpref>SBAC_PT-4|OA|D</bpref>
  <bpref>SBAC_PT-4|OA|D|NA</bpref>
  <bpref>SBAC_PT-4|OA|D|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="GI" label="GI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRTGPC" scorepoints="2" weight="1.0000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="3.9628000000000000e-001" />
    <itemscoreparameter measurementparameter="b0" value="-8.0632000000000000e-001" />
    <itemscoreparameter measurementparameter="b1" value="4.4343800000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-2024.xml" itemtype="MC">
  <identifier uniqueid="187-2024" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_Claim2/4</bpref>
  <bpref>G3Math_DOK2</bpref>
  <bpref>SBAC_PT-2</bpref>
  <bpref>SBAC_PT-2|MD</bpref>
  <bpref>SBAC_PT-2|MD|B</bpref>
  <bpref>SBAC_PT-2|MD|B|NA</bpref>
  <bpref>SBAC_PT-2|MD|B|NA|NA</bpref>
  <poolproperty property="--ITEMTYPE--" value="MC" label="MC" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.0000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.0000000000000000e+000" />
  </itemscoredimension>

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    <itemscoreparameter measurementparameter="b" value="1.00000000000000e-015" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-2788.xml" itemtype="TI">
  <identifier uniqueid="187-2788" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-Perf-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>SBAC_PT-2</bpref>
  <bpref>SBAC_PT-2|MD</bpref>
  <bpref>SBAC_PT-2|MD|A</bpref>
  <passageref>187-3700</passageref>
  <poolproperty property="--ITEMTYPE--" value="TI" label="TI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.00000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.02578000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="-1.83623000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-2789.xml" itemtype="TI">
  <identifier uniqueid="187-2789" version="8175" />
  <bpref>(SBAC_PT)SBAC-IRP-Perf-COMBINED-MATH-3-Summer-2015-2016</bpref>
  <bpref>SBAC_PT-3</bpref>
  <bpref>SBAC_PT-3|MD</bpref>
  <bpref>SBAC_PT-3|MD|A</bpref>
  <passageref>187-3700</passageref>
  <poolproperty property="--ITEMTYPE--" value="TI" label="TI" />
  <poolproperty property="Language" value="ENU" label="English" />
  <itemscoredimension measurementmodel="IRT3PLn" scorepoints="1" weight="1.00000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="4.23940000000000e-001" />
    <itemscoreparameter measurementparameter="b" value="1.07086000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
</itempool>
<testform length="4">
  <identifier uniqueid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016:Default-ENU" name="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016:Default-ENU"
version="8175" />
  <property name="language" value="ENU" label="English" />
  <poolproperty property="--ITEMTYPE--" value="EQ" label="EQ" itemcount="1" />
  <poolproperty property="--ITEMTYPE--" value="GI" label="GI" itemcount="1" />
  <poolproperty property="--ITEMTYPE--" value="TI" label="TI" itemcount="2" />
  <poolproperty property="Language" value="ENU" label="English" itemcount="4" />
</formpartition>
  <identifier uniqueid="187-780" name="IRP::MathG3::Perf::SP15::COMBINED" version="8175" />
  <itemgroup formposition="1" maxitems="ALL" maxresponses="ALL">

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    <identifier uniqueid="187-780:G-187-3700-2" name="187-780:G-187-3700-2" version="8175" />
    <passageref>187-3700</passageref>
    <groupitem itemid="187-2788" formposition="1" groupposition="1" adminrequired="false" responserequired="false" isactive="true" isfieldtest="false"
blockid="A" />
    <groupitem itemid="187-1576" formposition="2" groupposition="2" adminrequired="false" responserequired="false" isactive="true" isfieldtest="false"
blockid="A" />
    <groupitem itemid="187-2789" formposition="3" groupposition="3" adminrequired="false" responserequired="false" isactive="true" isfieldtest="false"
blockid="A" />
    <groupitem itemid="187-1578" formposition="4" groupposition="4" adminrequired="false" responserequired="false" isactive="true" isfieldtest="false"
blockid="A" />
  </itemgroup>
</formpartition>
</testform>
<performancelevels>
  <performancelevel bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016" plevel="1" scaledlo="2.189000000000000e+003"
scaledhi="2.381000000000000e+003" />
  <performancelevel bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016" plevel="2" scaledlo="2.381000000000000e+003"
scaledhi="2.436000000000000e+003" />
  <performancelevel bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016" plevel="3" scaledlo="2.436000000000000e+003"
scaledhi="2.501000000000000e+003" />
  <performancelevel bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016" plevel="4" scaledlo="2.501000000000000e+003"
scaledhi="2.621000000000000e+003" />
</performancelevels>
<scoringrules>
  <computationrule computationorder="62" bpelementid="SBAC_PT-3">
    <identifier uniqueid="452E7802-61FD-4C82-A783-0B6400D937B8" name="SBACCATTheta" label="ThetaScore" version="1.0" />
    <computationruleparameter position="1" parametertype="double">
      <identifier uniqueid="686D3098-28B0-40A0-AC92-EB71DD389125" name="LOT" version="1.0" />
      <computationruleparametervalue value="-4.1132" />
    </computationruleparameter>
    <computationruleparameter position="2" parametertype="double">
      <identifier uniqueid="51FA9EDA-3EED-4A9C-9146-F7ACA82E61C0" name="HOT" version="1.0" />
      <computationruleparametervalue value="1.3335" />
    </computationruleparameter>
    <computationruleparameter position="3" parametertype="double">
      <identifier uniqueid="F52B7D21-3EB8-4E1D-BECC-A8798CFD7673" name="seLimit" version="1.0" />
      <computationruleparametervalue value="2.5" />
    </computationruleparameter>
    <computationruleparameter position="4" parametertype="double">
      <identifier uniqueid="0899CB7A-F48A-4979-A590-B2C45B982D2F" name="averageA" version="1.0" />
      <computationruleparametervalue value="0.85" />
    </computationruleparameter>
    <computationruleparameter position="5" parametertype="double">
      <identifier uniqueid="D29ABEA7-6298-46E7-9F40-7E69B434EC29" name="averageB" version="1.0" />
      <computationruleparametervalue value="-0.81" />
    </computationruleparameter>
  </computationrule>

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</computationrule>
<computationrule computationorder="140" bpelementid="SBAC_PT-1">
  <identifier uniqueid="0BD23C28-4F93-4C5F-B38F-0BE368B40FBD" name="RawScore" label="RawScore" version="1.0" />
</computationrule>
<computationrule computationorder="141" bpelementid="SOCK_2">
  <identifier uniqueid="368DEE8B-B9B4-4D3E-8145-0CC5D67C0DD6" name="MultiStrandRawScore" label="RawScore" version="1.0" />
  <computationruleparameter position="1" parametertype="string">
    <identifier uniqueid="76E22FB0-379B-409C-AC58-BAF25E67CCCF" name="strands" version="1.0" />
    <property name="indextype" value="int" />
    <computationruleparametervalue index="1" value="2" />
    <computationruleparametervalue index="2" value="4" />
  </computationruleparameter>
</computationrule>
<computationrule computationorder="10" bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016">
  <identifier uniqueid="F47933EF-ACCE-4D6E-ADB5-0F351B25E7A7" name="SBACAttemptedness" label="Attempted" version="1.0" />
  <computationruleparameter position="1" parametertype="int">
    <identifier uniqueid="1511FAA2-FB95-4E48-ACA9-7E73AB947D33" name="testPart" version="1.0" />
    <property name="indextype" value="string" />
    <computationruleparametervalue index="SBAC-IRP-CAT-COMBINED-MATH-3" value="1" />
    <computationruleparametervalue index="SBAC-IRP-Perf-COMBINED-MATH-3" value="2" />
  </computationruleparameter>
</computationrule>
<computationrule computationorder="61" bpelementid="SOCK_2">
  <identifier uniqueid="0693779E-004E-4B16-9EF0-1027381A4759" name="SBACCATMultiStrandTheta" label="ThetaScore" version="1.0" />
  <computationruleparameter position="1" parametertype="double">
    <identifier uniqueid="3792C8CF-89FA-429F-9692-251375D2C855" name="LOT" version="1.0" />
    <computationruleparametervalue value="-4.1132" />
  </computationruleparameter>
  <computationruleparameter position="2" parametertype="double">
    <identifier uniqueid="6E1573D0-3A27-4F0F-A9E2-F13D43D17C97" name="HOT" version="1.0" />
    <computationruleparametervalue value="1.3335" />
  </computationruleparameter>
  <computationruleparameter position="3" parametertype="double">
    <identifier uniqueid="0515C78F-70A6-4104-AC45-4AF97AA49893" name="seLimit" version="1.0" />
    <computationruleparametervalue value="2.5" />
  </computationruleparameter>
  <computationruleparameter position="4" parametertype="string">
    <identifier uniqueid="9A828D3D-DE11-4557-8947-775B90E51CF2" name="strands" version="1.0" />
    <property name="indextype" value="int" />
    <computationruleparametervalue index="1" value="2" />
    <computationruleparametervalue index="2" value="4" />
  </computationruleparameter>
  <computationruleparameter position="5" parametertype="double">
    <identifier uniqueid="244A5AD9-67F6-447D-8BFB-81730008E56A" name="averageA" version="1.0" />
    <computationruleparametervalue value="0.85" />
  </computationruleparameter>
</computationrule>

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    <computationruleparameter position="6" parametertype="double">
      <identifier uniqueid="FCDEB5E3-EADC-4975-A232-D2D0574DA139" name="averageB" version="1.0" />
      <computationruleparametervalue value="-0.81" />
    </computationruleparameter>
  </computationrule>
<computationrule computationorder="35" bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016">
  <identifier uniqueid="587A5DD2-3E33-4521-AB1B-15A7FEE461BE" name="TestPerformanceLevel" label="PerformanceLevel" version="1.0" />
</computationrule>
<computationrule computationorder="70" bpelementid="SBAC_PT-1">
  <identifier uniqueid="88AF04C1-42D0-42AD-9AF2-38649898A0C1" name="ScaleScore" label="ScaleScore" version="1.0" />
</computationrule>
<computationrule computationorder="30" bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016">
  <identifier uniqueid="A2A76AFE-6FCE-46D8-AC4E-47DB2ECFB5FE" name="ScaleScore" label="ScaleScore" version="1.0" />
</computationrule>
<computationrule computationorder="131" bpelementid="SOCK_2">
  <identifier uniqueid="CDCDBA7D-47DF-4540-A088-49292C57C359" name="MultipleStrandItemCountScored" label="ItemCountScored" version="1.0" />
  <computationruleparameter position="1" parametertype="string">
    <identifier uniqueid="947BBD8B-2C84-451F-A5D9-3CC299310B4F" name="strands" version="1.0" />
    <property name="indextype" value="int" />
    <computationruleparametervalue index="1" value="2" />
    <computationruleparametervalue index="2" value="4" />
  </computationruleparameter>
</computationrule>
<computationrule computationorder="72" bpelementid="SBAC_PT-3">
  <identifier uniqueid="58A95255-5E45-4159-8792-49FEE5562E25" name="ScaleScore" label="ScaleScore" version="1.0" />
</computationrule>
<computationrule computationorder="84" bpelementid="SBAC_PT-1">
  <identifier uniqueid="77640D3A-52C6-4755-B33C-5480B885D42C" name="SEBasedPLWithRounding" label="PerformanceLevel" version="1.0" />
  <computationruleparameter position="1" parametertype="double">
    <identifier uniqueid="7B19E304-3863-4F12-9A75-E311DD578EC1" name="seMultiple" version="1.0" />
    <computationruleparametervalue value="1.5" />
  </computationruleparameter>
  <computationruleparameter position="2" parametertype="int">
    <identifier uniqueid="2EE0DD83-7AD5-495E-B1CE-72D4C2BB1AAC" name="proficientPerformanceLevel" version="1.0" />
    <computationruleparametervalue value="3" />
  </computationruleparameter>
  <computationruleparameter position="3" parametertype="double">
    <identifier uniqueid="4363F62B-647C-4831-B334-DA5A1B5EA596" name="LOT" version="1.0" />
    <computationruleparametervalue value="-4.1132" />
  </computationruleparameter>
  <computationruleparameter position="4" parametertype="double">
    <identifier uniqueid="8191A641-6455-4AAF-840F-FF13BD6E5747" name="HOT" version="1.0" />
    <computationruleparametervalue value="1.3335" />
  </computationruleparameter>
</computationrule>
<computationrule computationorder="130" bpelementid="SBAC_PT-1">

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    <identifier uniqueid="3B151A8A-58B8-448B-8E64-56E6E31E927B" name="ItemCountScored" label="ItemCountScored" version="1.0" />
  </computationrule>
  <computationrule computationorder="132" bpelementid="SBAC_PT-3">
    <identifier uniqueid="A33AADC2-8B85-4B2D-A793-6DE4C2D10E27" name="ItemCountScored" label="ItemCountScored" version="1.0" />
  </computationrule>
  <computationrule computationorder="122" bpelementid="SBAC_PT-3">
    <identifier uniqueid="70F7BC7A-537E-4D98-9970-75A7C1A544A3" name="ItemCount" label="ItemCount" version="1.0" />
  </computationrule>
  <computationrule computationorder="71" bpelementid="SOCK_2">
    <identifier uniqueid="7DFAF8B9-4BD2-4365-98B2-7EC95401C2F8" name="ScaleScore" label="ScaleScore" version="1.0" />
  </computationrule>
  <computationrule computationorder="110" bpelementid="(SBAC_PT)SBAC-IRP-MATH-3-COMBINED-Summer-2015-2016">
    <identifier uniqueid="3475A3E8-F8DC-4280-88B4-800F83607071" name="RawScore" label="RawScore" version="1.0" />
  </computationrule>
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      <computationruleparametervalue value="-4.1132" />
    </computationruleparameter>
    <computationruleparameter position="2" parametertype="double">
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      <computationruleparametervalue value="1.3335" />
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    <computationruleparameter position="3" parametertype="double">
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      <computationruleparametervalue value="2.5" />
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    <computationruleparameter position="5" parametertype="double">
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  <computationrule computationorder="85" bpelementid="SOCK_2">
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  </computationruleparameter>
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    <identifier uniqueid="F52B7D21-3EB8-4E1D-BECB-A8798CFD7673" name="seLimit" version="1.0" />
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  </computationruleparameter>
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    <computationruleparameter value="0.85" />
  </computationruleparameter>
  <computationruleparameter position="5" parametertype="double">
    <identifier uniqueid="D29ABEA7-6298-46E7-9F40-7E69B434EC29" name="averageB" version="1.0" />
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