



SMARTERAPP SPECIFICATION
for
ADMINISTRATION 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 Administration Test Package for the Test Delivery System (TDS). This package defines the test and is used to load the test into TDS and the Test Integration System (TIS).

Package Usage

Test Delivery System

In order to load the test into TDS, the contents of the XML file are passed to the *loader_main* stored procedure in the *itembank* database on the TDS MySQL server.

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.

Administration 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, in general, can be administration, registration, scoring and reporting. For the administration package it can only be set to administration. | administration | xsd:token |
| | publisher | | 255 | Always | The publisher of this package | One or more printable ASCII characters | xsd:token |
| | publishdate | | 200 | Always | The date this package was published. | String representation of a date and time. For example: Aug 19 2015 3:43PM | xsd:dateTime |
| | version | | 20 | 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 | | |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|--|---------------|----------|--|---|-------------|
| | 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 | The subject property can be ELA, MATH or Student Help. The type property can be iterim or summative. | xsd:token |
| | label | | 200 | Always | The display label for this property | One or more printable ASCII characters | xsd:token |
| administration | | testspecification:administration | | Always | | | |
| testblueprint | | testspecification:administration:testblueprint | | Always | | | |
| bpelement | | testspecification:administration:testblueprint:bpelement | | Always | | | |
| | elementtype | | 100 | Always | The type of blueprint element | test, segment, strand, contentlevel | xsd:token |
| | parentid | | 150 | Optional | Defines this blueprint element as a child of a parent element. References testspecification:administration:testblueprint:bpelement: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 |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|---|---------------|----------|--|---|-------------|
| | 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 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 |
| | maxftitems | | 4 | Optional | Maximum number of field test items the adaptive algorithm will include. Defaults to 0 if not provided. | 0 <= Integer >= minftitems 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 |
| | 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:administration:testblueprint:bpelement:identifier | | Always | | | |
| | uniqueid | | 150 | 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 |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|--|---------------|--|--|--|-------------|
| poolproperty | | testspecification:administration:poolproperty | | | Defines properties for the item pool such as type of items (--ITEMTYPE--) and Language | | |
| | property | | 50 | Always | Name of the property | One or more printable ASCII characters Common values include --ITEMTYPE-- and Language | xsd:token |
| | value | | 128 | Always | Property value | One or more printable ASCII characters Language would include the language code such as ENU, while item type includes the item type code such as EQ, GI, MC, MI, etc. | xsd:token |
| | label | | 150 | Always | Pool property label | One or more printable ASCII characters | xsd:token |
| | itemcount | | 10 | Always | The number of items in the pool that match this criteria | Integer >= 0 | xsd:integer |
| itempool | | testspecification:administration:itempool | | Always | | | |
| passage | | testspecification:administration:itempool:passage | | Optional | | | |
| | filename | | 50 | Always | References an XML file in the stimulus directory | One or more printable ASCII characters | xsd:token |
| identifier | | testspecification:administration:itempool:passage:identifier | | Required: when parent passage element is included | | | |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|---|---------------|----------|---|---|-------------|
| | uniqueid | | 100 | Always | Uniquely identifies the passage | One or more printable ASCII characters | xsd:token |
| | name | | 100 | Optional | Passage name | One or more printable ASCII characters | xsd:token |
| | version | | 10 | Always | Version | Integer | xsd:integer |
| testitem | | testspecification:administration:i tempool: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:administration:i tempool: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 |
| bpref | | testspecification:administration:i tempool:testitem:bpref | 150 | Always | Blueprint reference. Refers to testspecification:administration:testblueprint:bpref: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 |
|-------------------------------|------------------------|--|---------------|----------|--|--|-------------|
| passageref | | testspecification:administration:tempool:testitem:passageref | 100 | Optional | Passage reference. Refers to testspecification:administration:itempool:passage:identifier[@uniqueid] | One or more printable ASCII characters | xsd:token |
| poolproperty | | testspecification:administration:tempool:testitem:poolproperty | | | Pool property reference. | | |
| | 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:administration:tempool:testitem:itemscoredimension | | Always | Scoring information for this particular item | | |
| | measurementmodel | | 100 | Always | The type of measurement model to use. | IRT3PLn, IRT3pl, IRTPCL, IRTGPC | xsd:token |
| | 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 |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|--|---------------|-------------------------|--|--|-------------|
| | dimension | | 200 | Optional | | One or more printable ASCII characters | xsd:token |
| itemscoreparameter | | testspecification:administration:itempool:testitem:itemscoredimension:itemscoreparameter | | Always | | | |
| | 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:administration:testform | | Required when fixedform | | | |
| | length | | 10 | Always | Number of items in this test form | Integer >= 1 | xsd:integer |
| identifier | | testspecification:administration:testform:identifier | | | | | |
| | 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 |
| property | | testspecification:administration: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:administration:testform:poolproperty | | Optional | Multiple test form related pool properties | | |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|--|---------------|----------|---|--|-------------|
| | property | | 200 | Always | Refers to testspecification:administration:pool property[@property] | One or more printable ASCII characters | xsd:token |
| | value | | 200 | Always | Refers to testspecification:administration:pool property[@value] | One or more printable ASCII characters | xsd:token |
| | label | | 200 | Always | Refers to testspecification:administration:pool property[@label] | One or more printable ASCII characters | xsd:token |
| | itemcount | | 10 | Always | Number of items matching this property type | Integer >= 0 | xsd:integer |
| formpartition | | testspecification:administration:testform:formpartition | | | Each testform has at least one formpartition, one of r each fixed format segment. | | |
| identifier | | testspecification:administration:testform:formpartition:identifier | | | | | |
| | uniqueid | | 100 | Always | Form partition identifier | One or more printable ASCII characters | xsd:token |
| | name | | 200 | 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:administration: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:administration:estform: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:administration:estform:formpartition:itemgroup:passageref | 100 | Optional | Passage reference. Refers to testspecification:administration:itempool:passage:identifier[@uniqueid] | One or more printable ASCII characters | xsd:token |
| groupitem | | testspecification:administration:estform:formpartition:itemgroup:groupitem | | | | | |
| | itemid | | 150 | Always | Item reference. Refers to testspecification:administration:itempool:testitem:identifier[@uniqueid] | One or more printable ASCII characters | xsd:token |
| | 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 |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|--|---------------|----------|---|---|-------------|
| | 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 |
| adminsegment | | testspecification:administration:adminsegment | | | | | |
| | segmentid | | 250 | Always | Refers to testspecification:administration:testblueprint:bpelement[@elementtype="segment"]:identifier[@uniqueid] | One or more printable ASCII characters | xsd:token |
| | position | | 10 | Always | | Integer >= 1 | xsd:integer |
| | itemselection | | 100 | Always | Sets to fixed form or adaptive test segment | fixedform, adaptive2, adaptive | xsd:token |
| segmentblueprint | | testspecification:administration:adminsegment:segmentblueprint | | | | | |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|---|---------------|----------|---|--|-------------|
| segmentbpelement | | testspecification:administration:adminsegment:segmentblueprint:segmentbpelement | | | | | |
| | bpelementid | | 150 | Always | Blueprint reference. Refers to testspecification:administration:testblueprint:bpelement:identifier[@uniqueid] | One or more printable ASCII characters | xsd:token |
| | minopitems | | 10 | Always | | 0 <= Integer <= maxopitems | xsd:integer |
| | maxopitems | | 10 | Always | | Integer >= minopitems | xsd:integer |
| itemselector | | testspecification:administration:adminsegment:itemselector | | | | | |
| | type | | 100 | Always | Segment item selection algorithm | fixedform, adaptive, adaptive2 | xsd:token |
| identifier | | testspecification:administration:adminsegment:itemselector:identifier | | | | | |
| | uniqueid | | 200 | Always | Uniquely identifies the item selector | One or more printable ASCII characters | xsd:token |
| | name | | 200 | Always | Name of the item selector | One or more printable ASCII characters | xsd:token |
| | label | | 200 | Always | Display label of the item selector | One or more printable ASCII characters | xsd:token |
| | version | | 20 | Always | Version of the item selector | Float | xsd:float |
| itemselectionparameter | | testspecification:administration:adminsegment:itemselector:itemselectionparameter | | | | | |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|--|---------------|-------------------------|------------------------------------|--|-----------|
| | bpelementid | | 150 | Always | | One or more printable ASCII characters Matches testspecification:administration:testblueprint:bpelement:identifier[@uniqueid] | xsd:token |
| property | | testspecification:administration:adminsegment:itemselector:itemselectionparameter:property | | | | | |
| | name | | 200 | Always | Property code name | Fixed form values include: slope, intercept. Adaptive values include: isstrictmax, bpweight, adaptivecut, startability, startinfo, scalar, ... | xsd:token |
| | value | | 100 | Always | Value of the property | One or more printable ASCII characters | xsd:token |
| | label | | 500 | Always | Descriptive text for this property | One or more printable ASCII characters | xsd:token |
| segmentform | | testspecification:administration:adminsegment:segmentform | | Required when fixedform | | | |
| | formpartitionid | | 100 | Always | Form partition identifier | One or more printable ASCII characters Matches testspecification:administration:testform:formpartition:identifier[@uniqueid] | xsd:token |
| segmentpool | | testspecification:administration:adminsegment:segmentpool | | Required when adaptive | | | |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|--|---------------|----------|--|--|-------------|
| itemgroup | | testspecification:administration:adminsegment:segmentpool:itemgroup | | | | | |
| | maxitems | | 10 | Always | Maximum number of items for this item group | Integer >= 1 or "ALL" | xsd:token |
| | maxresponses | | 10 | Always | Maximum responses for this item group | Integer >= 1 or "ALL" | xsd:token |
| identifier | | testspecification:administration:adminsegment:segmentpool:itemgroup:identifier | | | | | |
| | uniqueid | | 200 | Always | Uniquely identifies this segment pool item group | One or more printable ASCII characters | xsd:token |
| | name | | 200 | Always | Name of this item group | One or more printable ASCII characters | xsd:token |
| | version | | 10 | Always | Version of this item group | Integer | xsd:integer |
| groupitem | | testspecification:administration:adminsegment:segmentpool:itemgroup:groupitem | | | | | |
| | itemid | | 150 | Always | Item reference. Refers to testspecification:administration:itempool:testitem:identifier[@uniqueid] | One or more printable ASCII characters | xsd:token |
| | groupposition | | 10 | Always | | 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 |

| Category / Node (XML Element) | Field Name (attribute) | XML Hierarchy | Width (chars) | Required | Data Element Description | Acceptable Values | Data Type |
|-------------------------------|------------------------|---------------|---------------|----------|---|--|-------------|
| | 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 |

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 administration packages are located in the */Test Packages/TDS/Administration* and the */Test Packages/TIS/Administration* directories.

Fixed Form Sample XML Output

Below is the Math 3 Performance Test Administration Package from the IRP which is an example of a fixed form test package:

```
<testspecification purpose="administration" publisher="SBAC_PT" publishdate="Aug 19 2015 3:44PM" version="1.0">
  <identifier uniqueid="(SBAC_PT)SBAC-IRP-Perf-MATH-3-Summer-2015-2016" name="SBAC-IRP-Perf-MATH-3" label="Grade 3 MATH" version="8185" />
  <property name="subject" value="MATH" label="MATH" />
  <property name="grade" value="3" label="grade 3" />
  <property name="type" value="summative" label="summative" />
  <administration>
    <testblueprint>
      <bpelement elementtype="test" minopitems="4" maxopitems="4" minftitems="0" maxftitems="0" opitemcount="4" ftitemcount="0">
        <identifier uniqueid="(SBAC_PT)SBAC-IRP-Perf-MATH-3-Summer-2015-2016" name="SBAC-IRP-Perf-MATH-3" version="8185" />
      </bpelement>
      <bpelement elementtype="segment" minopitems="4" maxopitems="4" minftitems="0" maxftitems="0" opitemcount="4" ftitemcount="0">
        <identifier uniqueid="(SBAC_PT)SBAC-IRP-Perf-MATH-3-Summer-2015-2016" name="SBAC-IRP-Perf-MATH-3" version="8185" />
      </bpelement>
    </testblueprint>
  </administration>
</testspecification>
```

```

<bpelement elementtype="strand" minopititems="0" maxopititems="3" opitemcount="2" fitemcount="0">
  <identifier uniqueid="SBAC_PT-2" name="2" version="8185" />
</bpelement>
<bpelement elementtype="contentlevel" parentid="SBAC_PT-2" minopititems="0" maxopititems="3" opitemcount="2" fitemcount="0">
  <identifier uniqueid="SBAC_PT-2|MD" name="2|MD" version="8185" />
</bpelement>
<bpelement elementtype="contentlevel" parentid="SBAC_PT-2|MD" minopititems="0" maxopititems="3" opitemcount="2" fitemcount="0">
  <identifier uniqueid="SBAC_PT-2|MD|A" name="2|MD|A" version="8185" />
</bpelement>
<bpelement elementtype="strand" minopititems="0" maxopititems="3" opitemcount="1" fitemcount="0">
  <identifier uniqueid="SBAC_PT-3" name="3" version="8185" />
</bpelement>
<bpelement elementtype="contentlevel" parentid="SBAC_PT-3" minopititems="0" maxopititems="3" opitemcount="1" fitemcount="0">
  <identifier uniqueid="SBAC_PT-3|MD" name="3|MD" version="8185" />
</bpelement>
<bpelement elementtype="contentlevel" parentid="SBAC_PT-3|MD" minopititems="0" maxopititems="3" opitemcount="1" fitemcount="0">
  <identifier uniqueid="SBAC_PT-3|MD|A" name="3|MD|A" version="8185" />
</bpelement>
<bpelement elementtype="strand" minopititems="0" maxopititems="3" opitemcount="1" fitemcount="0">
  <identifier uniqueid="SBAC_PT-4" name="4" version="8185" />
</bpelement>
<bpelement elementtype="contentlevel" parentid="SBAC_PT-4" minopititems="0" maxopititems="3" opitemcount="1" fitemcount="0">
  <identifier uniqueid="SBAC_PT-4|MD" name="4|MD" version="8185" />
</bpelement>
<bpelement elementtype="contentlevel" parentid="SBAC_PT-4|MD" minopititems="0" maxopititems="3" opitemcount="1" fitemcount="0">
  <identifier uniqueid="SBAC_PT-4|MD|A" name="4|MD|A" version="8185" />
</bpelement>
</testblueprint>
<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" />
<itempool>
  <passage filename="stim-187-3700.xml">
    <identifier uniqueid="187-3700" version="8185" />
  </passage>
  <testitem filename="item-187-2788.xml" itemtype="TI">
    <identifier uniqueid="187-2788" version="8185" />
    <bpref>(SBAC_PT)SBAC-IRP-Perf-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="1.0000000000000000e+000">

```

```

    <itemscoreparameter measurementparameter="a" value="1.025780000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="-1.836230000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-2789.xml" itemtype="TI">
  <identifier uniqueid="187-2789" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-Perf-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="1.000000000000000e+000">
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</testitem>
</itempool>
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version="8185" />
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  <poolproperty property="Language" value="ENU" label="English" itemcount="4" />
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    <itemgroup formposition="1" maxitems="ALL" maxresponses="ALL">
      <identifier uniqueid="187-764:G-187-3700-0" name="187-764:G-187-3700-0" version="8185" />
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      <groupitem itemid="187-2788" formposition="1" groupposition="1" adminrequired="false" responserequired="false" isactive="true" isfieldtest="false"
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blockid="A" />
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    <property name="slope" value="79.3" label="slope" />
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</administration>
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Adaptive Sample XML Output

Below is the Math 3 CAT Test Administration Package from the IRP which is an example of an adaptive test package:

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  <property name="grade" value="3" label="grade 3" />
  <property name="type" value="summative" label="summative" />
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<poolproperty property="--ITEMTYPE--" value="GI" label="GI" itemcount="4" />
<poolproperty property="--ITEMTYPE--" value="MC" label="MC" itemcount="3" />
<poolproperty property="--ITEMTYPE--" value="MI" label="MI" itemcount="2" />
<poolproperty property="--ITEMTYPE--" value="MS" label="MS" itemcount="1" />
<poolproperty property="Language" value="ENU" label="English" itemcount="17" />
<itempool>
  <testitem filename="item-187-1793.xml" itemtype="MI">
    <identifier uniqueid="187-1793" version="8185" />
    <bpref>(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016</bpref>
    <bpref>SBAC_PT-1</bpref>
    <bpref>SBAC_PT-1|OA</bpref>
    <bpref>SBAC_PT-1|OA|C-3</bpref>
    <bpref>SBAC_PT-1|OA|C-3|m</bpref>
    <bpref>SBAC_PT-1|OA|C-3|m|3.OA.7</bpref>
    <poolproperty property="--ITEMTYPE--" value="MI" label="MI" />
    <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-187-1966.xml" itemtype="GI">
    <identifier uniqueid="187-1966" version="8185" />
    <bpref>(SBAC_PT)SBAC-IRP-CAT-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="1.0000000000000000e+000">
      <itemscoreparameter measurementparameter="a" value="1.0000000000000000e+000" />
      <itemscoreparameter measurementparameter="b" value="1.0000000000000000e-015" />
    </itemscoredimension>
  </testitem>

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    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1972.xml" itemtype="GI">
  <identifier uniqueid="187-1972" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016</bpref>
  <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="1.00000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="5.50570000000000e-001" />
    <itemscoreparameter measurementparameter="b" value="5.69510000000000e-001" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1973.xml" itemtype="MC">
  <identifier uniqueid="187-1973" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_Claim1_MC/MS</bpref>
  <bpref>SBAC_PT-1</bpref>
  <bpref>SBAC_PT-1|OA</bpref>
  <bpref>SBAC_PT-1|OA|A-3</bpref>
  <bpref>SBAC_PT-1|OA|A-3|m</bpref>
  <bpref>SBAC_PT-1|OA|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="1.00000000000000e+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-187-1975.xml" itemtype="EQ">
  <identifier uniqueid="187-1975" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016</bpref>
  <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" />

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<poolproperty property="Language" value="ENU" label="English" />
<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-187-1976.xml" itemtype="EQ">
  <identifier uniqueid="187-1976" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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|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="1.00000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="5.30040000000000e-001" />
    <itemscoreparameter measurementparameter="b" value="-1.10891000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1978.xml" itemtype="EQ">
  <identifier uniqueid="187-1978" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016</bpref>
  <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="1.00000000000000e+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-187-1979.xml" itemtype="GI">
  <identifier uniqueid="187-1979" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016</bpref>
  <bpref>G3Math_DOK2</bpref>

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<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="1.000000000000000e+000">
  <itemscoreparameter measurementparameter="a" value="1.000000000000000e+000" />
  <itemscoreparameter measurementparameter="b0" value="1.000000000000000e-015" />
  <itemscoreparameter measurementparameter="b1" value="1.000000000000000e-015" />
</itemscoredimension>
</testitem>
<testitem filename="item-187-1986.xml" itemtype="EQ">
  <identifier uniqueid="187-1986" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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" />
  <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-187-1987.xml" itemtype="EQ">
  <identifier uniqueid="187-1987" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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="1.000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.189700000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="1.946350000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
</testitem>

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<testitem filename="item-187-1988.xml" itemtype="MI">
  <identifier uniqueid="187-1988" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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="1.000000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="7.348800000000000e-001" />
    <itemscoreparameter measurementparameter="b" value="-1.006060000000000e+000" />
    <itemscoreparameter measurementparameter="c" value="0.000000000000000e+000" />
  </itemscoredimension>
</testitem>
<testitem filename="item-187-1991.xml" itemtype="EQ">
  <identifier uniqueid="187-1991" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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>
  <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="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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">

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    <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="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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="1.000000000000000e+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-187-2017.xml" itemtype="GI">
  <identifier uniqueid="187-2017" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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>

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<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="1.00000000000000e+000">
  <itemscoreparameter measurementparameter="a" value="1.00000000000000e+000" />
  <itemscoreparameter measurementparameter="b0" value="1.00000000000000e-015" />
  <itemscoreparameter measurementparameter="b1" value="1.00000000000000e-015" />
</itemscoredimension>
</testitem>
<testitem filename="item-187-2024.xml" itemtype="MC">
  <identifier uniqueid="187-2024" version="8185" />
  <bpref>(SBAC_PT)SBAC-IRP-CAT-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="1.00000000000000e+000">
    <itemscoreparameter measurementparameter="a" value="1.00000000000000e+000" />
    <itemscoreparameter measurementparameter="b" value="1.00000000000000e-015" />
    <itemscoreparameter measurementparameter="c" value="0.00000000000000e+000" />
  </itemscoredimension>
</testitem>
</itempool>
<adminsegment segmentid="(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016" position="1" itemselection="adaptive2">
  <segmentblueprint>
    <segmentbpelement bpelementid="SBAC_PT-1" minopitests="4" maxopitests="4" />
    <segmentbpelement bpelementid="SBAC_PT-2" minopitests="0" maxopitests="2" />
    <segmentbpelement bpelementid="SBAC_PT-3" minopitests="2" maxopitests="2" />
    <segmentbpelement bpelementid="SBAC_PT-4" minopitests="0" maxopitests="2" />
    <segmentbpelement bpelementid="SBAC_PT-1|MD" minopitests="0" maxopitests="4" />
    <segmentbpelement bpelementid="SBAC_PT-1|NBT" minopitests="0" maxopitests="1" />
    <segmentbpelement bpelementid="SBAC_PT-1|NF" minopitests="0" maxopitests="1" />
    <segmentbpelement bpelementid="SBAC_PT-1|OA" minopitests="0" maxopitests="4" />
    <segmentbpelement bpelementid="SBAC_PT-2|MD" minopitests="0" maxopitests="1" />
    <segmentbpelement bpelementid="SBAC_PT-3|G" minopitests="0" maxopitests="0" />
    <segmentbpelement bpelementid="SBAC_PT-3|MD" minopitests="0" maxopitests="1" />
    <segmentbpelement bpelementid="SBAC_PT-3|NF" minopitests="0" maxopitests="1" />
    <segmentbpelement bpelementid="SBAC_PT-3|OA" minopitests="0" maxopitests="1" />
    <segmentbpelement bpelementid="SBAC_PT-4|MD" minopitests="0" maxopitests="1" />
    <segmentbpelement bpelementid="SBAC_PT-4|OA" minopitests="0" maxopitests="1" />
  </segmentblueprint>
</adminsegment>

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<segmentbpelement bpelementid="SBAC_PT-1|MD|G-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|H-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|I-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|J-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|NBT|E-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|NF|F-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|OA|A-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|OA|C-3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-2|MD|B" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|G|F" minopittems="0" maxopittems="0" />
<segmentbpelement bpelementid="SBAC_PT-3|MD|C" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|NF|A" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|OA|D" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|MD|C" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|OA|D" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|OA|E" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|G-3|m" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|H-3|a/s" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|I-3|m" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|J-3|a/s" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|NBT|E-3|a/s" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|NF|F-3|m" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|OA|A-3|m" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|OA|C-3|m" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-2|MD|B|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|G|F|NA" minopittems="0" maxopittems="0" />
<segmentbpelement bpelementid="SBAC_PT-3|MD|C|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|NF|A|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|OA|D|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|MD|C|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|OA|D|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|OA|E|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|G-3|m|3.MD.2" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|H-3|a/s|3.MD.3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|I-3|m|3.MD.7d" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|MD|J-3|a/s|3.MD.8" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|NBT|E-3|a/s|3.NBT.2" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|NF|F-3|m|3.NF.3a" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|NF|F-3|m|3.NF.3c" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|OA|A-3|m|3.OA.3" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-1|OA|C-3|m|3.OA.7" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-2|MD|B|NA|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|G|F|NA|NA" minopittems="0" maxopittems="0" />
<segmentbpelement bpelementid="SBAC_PT-3|MD|C|NA|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|NF|A|NA|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-3|OA|D|NA|NA" minopittems="0" maxopittems="1" />

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<segmentbpelement bpelementid="SBAC_PT-4|MD|C|NA|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|OA|D|NA|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="SBAC_PT-4|OA|E|NA|NA" minopittems="0" maxopittems="1" />
<segmentbpelement bpelementid="G3Math_Claim1_MC/MS" minopittems="2" maxopittems="2" />
<segmentbpelement bpelementid="G3Math_Claim2/4" minopittems="2" maxopittems="2" />
<segmentbpelement bpelementid="G3Math_DOK2" minopittems="2" maxopittems="8" />
</segmentblueprint>
<itemselector type="adaptive">
  <identifier uniqueid="AIR ADAPTIVE1" name="AIR ADAPTIVE" label="AIR ADAPTIVE" version="1.0" />
  <itemselectionparameter bpelementid="(SBAC_PT)SBAC-IRP-CAT-MATH-3-Summer-2015-2016">
    <property name="bpweight" value="1" label="blueprint metric weight relative to ability metric weight of 1.0" />
    <property name="startability" value="-1.28499" label="start ability" />
    <property name="startinfo" value="0.2" label="start information" />
    <property name="cset1size" value="5" label="cset 1 size" />
    <property name="cset1order" value="ABILITY" label="cset 1 tie breaker" />
    <property name="cset2random" value="3" label="randomizer for item selection" />
    <property name="cset2initialrandom" value="17" label="randomizer for first item selection" />
    <property name="abilityoffset" value="0" label="offset for ability estimate" />
    <property name="itemweight" value="1" label="blueprint weight of items in chosen group relative to ability match for final pruning step" />
    <property name="slope" value="79.3" label="slope" />
    <property name="intercept" value="2514.9" label="intercept" />
    <property name="precisiontarget" value="1" label="precision target" />
    <property name="adaptivecut" value="0" label="adaptive cut" />
    <property name="toocloseses" value="0" label="too Close SEs" />
    <property name="abilityweight" value="1" label="ability weight" />
    <property name="computeabilityestimates" value="false" label="compute ability estimates" />
    <property name="rcabilityweight" value="0" label="rc ability weight" />
    <property name="precisionTargetMetWeight" value="1" label="precisionTargetMetWeight" />
    <property name="precisionTargetNotMetWeight" value="1" label="precisionTargetNotMetWeight" />
    <property name="terminationOverallInfo" value="false" label="terminationOverallInfo" />
    <property name="terminationRCInfo" value="false" label="terminationRCInfo" />
    <property name="terminationMinCount" value="true" label="terminationMinCount" />
    <property name="terminationTooClose" value="false" label="terminationTooClose" />
    <property name="terminationFlagsAnd" value="false" label="terminationFlagsAnd" />
    <property name="offGradeProbAffectProficiency" value="0.01" label="Probability that introducing off-grade items will influence the student proficiency
must be less than this value" />
    <property name="proficientPLevel" value="3" label="Level at which student is considered proficient for the test" />
    <property name="offGradeMinItemsAdministered" value="30" label="Minimum number of on-grade operational items administered before considering for off-
grade items" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
    <property name="adaptivecut" value="-31.7137" label="adaptive cut point" />
    <property name="startability" value="-31.7137" label="start ability" />
    <property name="startinfo" value="0" label="start information" />
  </itemselectionparameter>

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    <property name="scalar" value="5" label="relative ability strand weight" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-2">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
    <property name="adaptivecut" value="-31.7137" label="adaptive cut point" />
    <property name="startability" value="-31.7137" label="start ability" />
    <property name="startinfo" value="0" label="start information" />
    <property name="scalar" value="5" label="relative ability strand weight" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-3">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
    <property name="adaptivecut" value="-31.7137" label="adaptive cut point" />
    <property name="startability" value="-31.7137" label="start ability" />
    <property name="startinfo" value="0" label="start information" />
    <property name="scalar" value="5" label="relative ability strand weight" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-4">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
    <property name="adaptivecut" value="-31.7137" label="adaptive cut point" />
    <property name="startability" value="-31.7137" label="start ability" />
    <property name="startinfo" value="0" label="start information" />
    <property name="scalar" value="5" label="relative ability strand weight" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|MD">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|NBT">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|NF">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|OA">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-2|MD">
    <property name="isstrictmax" value="true" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>

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<itemselectionparameter bpelementid="SBAC_PT-3|G">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|MD">
  <property name="isstrictmax" value="true" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|NF">
  <property name="isstrictmax" value="true" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|OA">
  <property name="isstrictmax" value="true" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-4|MD">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-4|OA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|MD|G-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|MD|H-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|MD|I-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|MD|J-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|NBT|E-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|NF|F-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
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<property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|OA|A-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|OA|C-3">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-2|MD|B">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|G|F">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|MD|C">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|NF|A">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|OA|D">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
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<itemselectionparameter bpelementid="SBAC_PT-4|MD|C">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-4|OA|D">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
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<itemselectionparameter bpelementid="SBAC_PT-4|OA|E">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|MD|G-3|m">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
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<itemselectionparameter bpelementid="SBAC_PT-1|MD|H-3|a/s">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|MD|I-3|m">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|MD|J-3|a/s">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|NBT|E-3|a/s">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|NF|F-3|m">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|OA|A-3|m">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-1|OA|C-3|m">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
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</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-2|MD|B|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|G|F|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|MD|C|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|NF|A|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|OA|D|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />

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    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-4|MD|C|NA">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-4|OA|D|NA">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-4|OA|E|NA">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|MD|G-3|m|3.MD.2">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|MD|H-3|a/s|3.MD.3">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|MD|I-3|m|3.MD.7d">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|MD|J-3|a/s|3.MD.8">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|NBT|E-3|a/s|3.NBT.2">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|NF|F-3|m|3.NF.3a">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|NF|F-3|m|3.NF.3c">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>
  <itemselectionparameter bpelementid="SBAC_PT-1|OA|A-3|m|3.OA.3">
    <property name="isstrictmax" value="false" label="Strict maximum flag" />
    <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  </itemselectionparameter>

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<itemselectionparameter bpelementid="SBAC_PT-1|OA|C-3|m|3.OA.7">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-2|MD|B|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|G|F|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|MD|C|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|NF|A|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-3|OA|D|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-4|MD|C|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-4|OA|D|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="SBAC_PT-4|OA|E|NA|NA">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
</itemselectionparameter>
<itemselectionparameter bpelementid="G3Math_Claim1_MC/MS">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  <property name="startinfo" value="0" label="start information" />
  <property name="precisiontarget" value="1" label="precision target" />
  <property name="precisiontargetmetweight" value="0" label="precision target met weight" />
  <property name="precisiontargetnotmetweight" value="0" label="precision target not met weight" />
</itemselectionparameter>
<itemselectionparameter bpelementid="G3Math_Claim2/4">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />

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<property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
<property name="startinfo" value="0" label="start information" />
<property name="precisiontarget" value="1" label="precision target" />
<property name="precisiontargetmetweight" value="0" label="precision target met weight" />
<property name="precisiontargetnotmetweight" value="0" label="precision target not met weight" />
</itemselectionparameter>
<itemselectionparameter bpelementid="G3Math_DOK2">
  <property name="isstrictmax" value="false" label="Strict maximum flag" />
  <property name="bpweight" value="1" label="Blueprint weight relative to other elements" />
  <property name="startinfo" value="0" label="start information" />
  <property name="precisiontarget" value="1" label="precision target" />
  <property name="precisiontargetmetweight" value="0" label="precision target met weight" />
  <property name="precisiontargetnotmetweight" value="0" label="precision target not met weight" />
</itemselectionparameter>
</itemselector>
<segmentpool>
  <itemgroup maxitems="ALL" maxresponses="ALL">
    <identifier uniqueid="I-187-1793" name="I-187-1793" version="8185" />
    <groupitem itemid="187-1793" groupposition="1" adminrequired="true" responserequired="true" isfieldtest="false" isactive="true" blockid="A" />
  </itemgroup>
  <itemgroup maxitems="ALL" maxresponses="ALL">
    <identifier uniqueid="I-187-1966" name="I-187-1966" version="8185" />
    <groupitem itemid="187-1966" groupposition="1" adminrequired="true" responserequired="true" isfieldtest="false" isactive="true" blockid="A" />
  </itemgroup>
  <itemgroup maxitems="ALL" maxresponses="ALL">
    <identifier uniqueid="I-187-1972" name="I-187-1972" version="8185" />
    <groupitem itemid="187-1972" groupposition="1" adminrequired="true" responserequired="true" isfieldtest="false" isactive="true" blockid="A" />
  </itemgroup>
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  <itemgroup maxitems="ALL" maxresponses="ALL">
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  <itemgroup maxitems="ALL" maxresponses="ALL">
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