

## STRUCTURAL CHARACTERISTICS OF OREGON MATHEMATICS ASSESSMENTS

<b>Test</b>	<b>Framework</b>	<b>Materials Examined</b>	<b>Time</b>	<b>Number of Items</b>	<b>Tools</b>	<b>Purpose</b>	<b>Content as Specified in Test Specifications</b>
<p>Portland Mastery IM) athematics assessment</p>	state achievement	sample items	no time limit; two sessions, one each for multiple choice and open-ended	55 multiple choice, one open-ended	calculator	monitor student achievement toward specified benchmarks	calculations and estimations, measurement, statistics and probability, algebraic relationships, and geometry
<p>M Locator</p>	state achievement	full sample form	40 minutes	24 multiple choice	calculator	identify the appropriate form of CIM to be administered	calculations and estimations, measurement, statistics and probability, algebraic relationships, and geometry
<p>ACT</p>	college admissions	full sample form	60 minutes	60 multiple choice	calculator	selection of students for higher education	pre-algebra (23%), plane geometry (23%), elementary algebra (17%), intermediate algebra (15%), coordinate geometry (15%), and trigonometry (7%)
<p>ACT</p>	college admissions	full sample form	75 minutes	35 multiple choice; 15 quantitative comparison; 10 grid-in	calculator	selection of students for higher education	arithmetic (13%), algebra (35%), geometry (26%), and other (26%)

<p>AT II-level IC</p>	<p>college admissions</p>	<p>full sample form</p>	<p>60 minutes</p>	<p>50 multiple choice</p>	<p>calculator</p>	<p>selection of students for higher education</p>	<p>elementary and intermediate algebra (30%), geometry 38% (specifically, plane Euclidean (20%), coordinate (12%), and three-dimensional (6%)), trigonometry (8%), functions (12%), statistics and probability (6%), and miscellaneous (6%)</p>
<p>AT II-level</p>	<p>college admissions</p>	<p>full sample form</p>	<p>60 minutes</p>	<p>50 multiple choice</p>	<p>calculator</p>	<p>selection of students for higher education</p>	<p>algebra (18%), geometry 20% (specifically, coordinate (12%) and three-dimensional (8%)), trigonometry (20%), functions (24%), statistics and probability (6%), and miscellaneous (12%)</p>
<p>iversity of egon math icement test</p>	<p>college placement</p>	<p>full sample form</p>	<p>50 minutes</p>	<p>40 multiple choice</p>	<p>calculator</p>	<p>placement of students into appropriate mathematics course</p>	<p>elementary algebra, intermediate algebra, geometry and trigonometry</p>