

The Right Angle

1996 Mathematics 30 Diploma Examinations

Each Mathematics 30 diploma examination is designed to reflect the core content outlined in the course of studies and is limited to those expectations that can be measured by a paper-and-pencil test. Two and one-half hours of writing time are allotted for the exam, but students may take an additional half hour to complete it.

Content for the 1996 Mathematics 30 diploma examinations in the machine-scored section is emphasized as follows:

Multiple-Choice and Numerical Response	Percent Emphasis
Polynomial Functions	11
Trigonometric and Circular Functions	12
Statistics	5
Quadratic Relations	10
Exponential and Logarithmic Functions	11
Permutations and Combinations	10
Sequences and Series	<u>11</u>
	70
Written Response	30

As published in the 1994-95 Mathematics 30 diploma examination information bulletin, written-response questions will assess whether students can draw on their mathematical experiences to solve problems and to explain mathematical concepts. Therefore, the written-response questions will not necessarily fall into a particular unit of study but may cross

more than one unit or may require students to make connections between mathematical concepts.

The three mathematical understandings of procedures, concepts and problem solving are addressed throughout. Each understanding has the following emphasis:

Multiple-Choice and Numerical Response	Percent Emphasis
Procedures	21
Concepts	24.5
Problem Solving	24.5
Written Response	Percent Emphasis
Procedures, Concepts, Problem Solving	30

Check the 1995-96 bulletin, sent to all Albertan schools for more information regarding standards, assessment of communication and problem solving.

Mathematics 33

The Mathematics 33 bulletin for 1995-96 has been sent to all Albertan schools.

Achievement Assessment

Results of the Grades 3, 6 and 9 June 1995 achievement assessments were sent to schools in October. School and jurisdiction reports followed in November.

Information bulletins regarding the June 1996 assessments went to schools in October.

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