

# PRINCIPLES OF MATHEMATICS 10

## TABLE OF SPECIFICATIONS FOR THE PROVINCIAL EXAMINATION

CURRICULUM		COGNITIVE LEVEL				TOTAL
ORGANIZERS	SUB-ORGANIZERS	Knowledge	Understanding and Application		Higher Mental Processes	%
			Lower-Level	Higher-Level		
<b>A: Number</b>		←———— 20–30 —————→				<b>20–30</b>
<b>B: Patterns and Relations</b>	Patterns	←———— 5–10 —————→				<b>5–10</b>
	Variables and Equations	←———— 20–30 —————→				<b>20–30</b>
	Relations and Functions	←———— 15–20 —————→				<b>15–20</b>
<b>C: Shape and Space</b>	Measurement	←———— 5–10 —————→				<b>5–10</b>
	3-D Objects and 2-D Shapes	←———— 15–20 —————→				<b>15–20</b>
<b>TOTAL:</b>		<b>10–15</b>	<b>30–40</b>	<b>30–40</b>	<b>10–15</b>	<b>100</b>

The values in this table are approximate. The weighting of each topic reflects approximately the amount of instructional time spent. Since it is not possible to test all Prescribed Learning Outcomes (PLOs), the examination will be based on a sampling of the curriculum.

### Examination Configuration:

60 questions worth 1 mark each consisting of:

- 52 multiple-choice questions
- 8 numerical-response questions

The time allotted for the provincial examination is **two hours**. *Students may, however, take up to 60 minutes of additional time to finish.*

### Acknowledgement

**The Ministry of Education wishes to acknowledge the contributions of British Columbia teachers in the preparation and review of this document.**