

Applications of Mathematics 10
2008/09 Released Exam
April 2009 — Form A
 Provincial Examination — Answer Key

Cognitive Processes	Weightings	Question Types
K = Knowledge	13.3%	52 = Multiple Choice (MC)
U = Understanding	73.3%	8 = Numerical Response (NR)
H = Higher Mental Processes	13.3%	

Topics	Prescribed Learning Outcomes (PLOs)	Weightings
1. Number	A	25%
2. Patterns and Relations	B	25%
3. Shape and Space	C	38%
4. Statistics and Probability (Data Analysis)	D	12%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	B	K	1	1	A3	MC
2.	C	U	1	1	A2	MC
3.	C	U	1	1	A2	MC
4.	A	H	1	1	A2	MC
5.	656.40	U	1	1	A2	NR
6.	D	U	1	1	A2	MC
7.	C	U	1	1	A4	MC
8.	A	U	1	1	A4	MC
9.	B	K	1	1	A3	MC
10.	D	U	1	1	A2	MC
11.	941.46	U	1	1	A2	NR
12.	B	U	1	1	A3	MC
13.	A	U	1	1	A2	MC
14.	A	H	1	1	A4	MC
15.	C	H	1	1	A1	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
16.	D	U	1	2	B4, B2	MC
17.	D	K	1	2	B1, B5	MC
18.	D	U	1	2	B2	MC
19.	250	U	1	2	B3	NR
20.	D	U	1	2	B6	MC
21.	B	H	1	2	B6	MC
22.	A	K	1	2	B4	MC
23.	A	U	1	2	B4	MC
24.	B	U	1	2	B2, B3	MC
25.	C	U	1	2	B5	MC
26.	A	H	1	2	B4	MC
27.	360	U	1	2	B6	NR
28.	A	U	1	2	B2	MC
29.	B	U	1	2	B2	MC
30.	B	U	1	2	B6	MC
31.	C	K	1	3	C2	MC
32.	B	U	1	3	C3	MC
33.	C	H	1	3	C3	MC
34.	12	U	1	3	C7	NR
35.	A	U	1	3	C3	MC
36.	C	U	1	3	C1	MC
37.	C	U	1	3	C1	MC
38.	D	K	1	3	C4	MC
39.	B	U	1	3	C8, C7	MC
40.	10	U	1	3	C6	NR
41.	C	U	1	3	C7	MC
42.	B	H	1	3	C5	MC
43.	A	H	1	3	C5	MC
44.	D	U	1	3	C6, C7	MC
45.	A	U	1	3	C8	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
46.	B	K	1	3	C9	MC
47.	C	H	1	3	C9	MC
48.	1	U	1	3	C10	NR
49.	C	U	1	3	C10	MC
50.	A	U	1	3	C11	MC
51.	D	K	1	3	C12	MC
52.	A	U	1	3	C12	MC
53.	C	U	1	3	C12	MC
54.	D	U	1	4	D1	MC
55.	C	U	1	4	D4	MC
56.	D	U	1	4	D3	MC
57.	30.80-30.90	U	1	4	D1	NR
58.	D	H	1	4	D4	MC
59.	B	U	1	4	D2	MC
60.	B	U	1	4	D3	MC