

Essentials of Mathematics 10  
**2008/09 Released Exam**  
**October 2008 — Form A**  
 Provincial Examination — Answer Key

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

Topics	Prescribed Learning Outcomes (PLOs)	Weightings
1. Spreadsheets	A1 – A6	10 – 15%
2. Personal Banking	A7 – A11	10 – 15%
3. Wages, Salaries and Expenses	A12 – A15	10 – 15%
4. Rates, Ratio and Proportion	B1 – B4	10 – 15%
5. Trigonometry	C1 – C2	10 – 15%
6. Geometry Project	C3 – C10	15 – 20%
7. Probability and Sampling	D1 – D5	15 – 20%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
1.	A	K	1	2	A10	MC	
2.	A	U	1	2	A7	MC	
3.	B	U	1	2	A11, 8	MC	
4.	260.55	U	1	2	A8	NR	
5.	A	U	1	2	A10	MC	
6.	C	U	1	2	A8	MC	
7.	D	U	1	2	A7	MC	
8.	B	H	1	2	A11	MC	
9.	D	K	1	3	A13	MC	
10.	C	U	1	3	A12	MC	
11.	B	U	1	3	A13	MC	
12.	15	U	1	3	A15	NR	
13.	B	U	1	3	A15	MC	
14.	C	U	1	3	A12	MC	
15.	D	H	1	3	A15	MC	

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
16.	A	K	1	1	A2	MC	
17.	B	U	1	1	A2	MC	
18.	B	U	1	1	A3	MC	
19.	65.5	U	1	1	A3	NR	
20.	D	H	1	1	A4	MC	
21.	D	U	1	1	A4, 3	MC	
22.	D	H	1	1	A5	MC	
23.	A	K	1	4	B1	MC	
24.	B	U	1	4	B1	MC	
25.	C	U	1	4	B3, 2	MC	
26.	C	U	1	4	B3	MC	
27.	320.00	U	1	4	B2	NR	
28.	C	U	1	4	B4, 1	MC	
29.	D	U	1	4	B3, 1	MC	
30.	C	H	1	4	B4	MC	
31.	A	K	1	5	C1	MC	
32.	C	U	1	5	C1	MC	
33.	B	U	1	5	C2	MC	
34.	48.2	U	1	5	C2	NR	
35.	A	H	1	5	C2	MC	
36.	D	K	1	6	C3	MC	
37.	A	U	1	6	C4	MC	
38.	B	U	1	6	C8, 3	MC	
39.	D	U	1	6	C9	MC	
40.	B	U	1	6	C8	MC	
41.	C	U	1	6	C9	MC	
42.	96	U	1	6	C5	NR	
43.	B	H	1	6	C5, 9	MC	
44.	D	U	1	6	C5	MC	
45.	C	U	1	6	C8	MC	

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
46.	A	U	1	6	C7	MC	
47.	B	H	1	6	C6	MC	
48.	B	U	1	6	C5	MC	
49.	46	U	1	6	C5	NR	
50.	D	U	1	6	C7	MC	
51.	D	K	1	6	C7	MC	
52.	B	U	1	7	D1	MC	
53.	D	U	1	7	D2	MC	
54.	D	U	1	7	D2	MC	
55.	D	H	1	7	D4	MC	
56.	B	U	1	7	D3, 4	MC	
57.	22.50	U	1	7	D1	NR	
58.	B	U	1	7	D3	MC	
59.	A	U	1	7	D4	MC	
60.	C	U	1	7	D3	MC	