

Essentials of Mathematics 10  
August 2005 Provincial Examination  
Form A1

ANSWER KEY

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Question Number	Topic	Question Type	Cognitive Level	Key	Origin
1.	B3	MC	K	D	0406 EMA 10 Form A1 – 1
2.	B2	MC	U–	B	0406 EMA 10 Form A1 – 2
3.	B2	MC	U–	B	0406 EMA 10 Form A1 – 3
4.	B4, B1	NR	U+	500	0406 EMA 10 Form A1 – 4
5.	B2	MT	U–	C	0406 EMA 10 Form A1 – 5
6.	B2	MT	U–	B	0406 EMA 10 Form A1 – 6
7.	B2	MT	U–	A	0406 EMA 10 Form A1 – 7
8.	B4, B1	MC	H	C	0504 EMA 10 Form A1 – 8
9.	C1	MC	K	C	0406 EMA 10 Form A1 – 9
10.	C2	MC	U–	C	0406 EMA 10 Form A1 – 10
11.	C2	TF I	U+	C	0406 EMA 10 Form A1 – 11
12.	C3	NR	U+	12.74	0406 EMA 10 Form A1 – 12
13.	C4	MC	U+	D	0504 EMA 10 Form A1 – 13
14.	C1	MC	U+	C	0504 EMA 10 Form A1 – 14
15.	C4	MC	H	C	0504 EMA 10 Form A1 – 15

**Question Type Categories:**

**MC** — Multiple Choice

**MT** — Matching

**NR** — Numerical Response

**TF** — True and False

Essentials of Mathematics 10  
August 2005 Provincial Examination  
Form A2

ANSWER KEY

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Question Number	Topic	Question Type	Cognitive Level	Key	Origin
16.	D3	MC	K	B	0406 EMA 10 Form B2 – 16
17.	D1	MC	U–	B	0406 EMA 10 Form B2 – 17
18.	D3	MC	U–	B	0406 EMA 10 Form B2 – 18
19.	D4, E2	NR	U+	10.23	0406 EMA 10 Form B2 – 19
20.	D5	MC	U+	D	0406 EMA 10 Form B2 – 20
21.	D2, E2	TF I	H	B	0504 EMA 10 Form A2 – 21
22.	E1	MC	K	A	0406 EMA 10 Form B2 – 22
23.	E3	MC	U+	D	0504 EMA 10 Form A2 – 23
24.	E4	MT	U–	B	0406 EMA 10 Form B2 – 24
25.	E4	MT	U–	C	0406 EMA 10 Form B2 – 25
26.	E4	MT	U–	E	0406 EMA 10 Form B2 – 26
27.	E2	NR	U+	187.13	0406 EMA 10 Form B2 – 27
28.	E2	MC	U+	A	0504 EMA 10 Form A2 – 28
29.	E4	MC	U+	C	0504 EMA 10 Form A2 – 29
30.	E2	MC	H	C	0504 EMA 10 Form A2 – 30

**Question Type Categories:**

**MC** — Multiple Choice

**MT** — Matching

**NR** — Numerical Response

**TF** — True and False

Essentials of Mathematics 10  
August 2005 Provincial Examination  
Form A3

ANSWER KEY

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Question Number	Topic	Question Type	Cognitive Level	Key	Origin
31.	F1	TF	K	A	0406 EMA 10 Form B3 – 31
32.	F2	MC	U–	A	0406 EMA 10 Form B3 – 32
33.	F2	MC	U–	D	0406 EMA 10 Form B3 – 33
34.	F1	NR	U+	4.75	0406 EMA 10 Form B3 – 34
35.	F2	MC	U+	A	0406 EMA 10 Form B3 – 35
36.	F2	MC	H	B	0406 EMA 10 Form B3 – 36
37.	G8	MC	K	D	0406 EMA 10 Form B3 – 37
38.	G2	MC	U–	C	0504 EMA 10 Form A3 – 38
39.	G1	MT	U–	B	0406 EMA 10 Form B3 – 39
40.	G1	MT	U–	D	0406 EMA 10 Form B3 – 40
41.	G1	MT	U–	A	0406 EMA 10 Form B3 – 41
42.	G7	NR	U–	80	0406 EMA 10 Form B3 – 42
43.	G6	MC	U+	D	0504 EMA 10 Form A3 – 43
44.	G7	MC	U+	B	0504 EMA 10 Form A3 – 44
45.	G5	MC	H	D	0504 EMA 10 Form A3 – 45

**Question Type Categories:**

**MC** — Multiple Choice

**MT** — Matching

**NR** — Numerical Response

**TF** — True and False

Essentials of Mathematics 10  
August 2005 Provincial Examination  
Form A4

ANSWER KEY

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Question Number	Topic	Question Type	Cognitive Level	Key	Origin
46.	G3	TF	U-	A	0406 EMA 10 Form A4 – 46
47.	G4	MC	U+	B	0406 EMA 10 Form A4 – 47
48.	G3	MC	U+	D	0406 EMA 10 Form A4 – 48
49.	H6	NR	K	0.4	0406 EMA 10 Form A4 – 49
50.	H4	MT	U-	B	0406 EMA 10 Form A4 – 50
51.	H4	MT	U-	D	0406 EMA 10 Form A4 – 51
52.	H4	MT	U-	C	0406 EMA 10 Form A4 – 52
53.	H5	MC	U-	B	0504 EMA 10 Form A4 – 53
54.	H2	MC	K	C	0406 EMA 10 Form A4 – 54
55.	H3	MC	U-	A	0406 EMA 10 Form A4 – 55
56.	H6	MC	U+	A	0504 EMA 10 Form A4 – 56
57.	H1	NR	U+	160	0406 EMA 10 Form A4 – 57
58.	H7	MC	H	C	0406 EMA 10 Form A4 – 58
59.	H5	MC	U+	D	0504 EMA 10 Form A4 – 59
60.	H2	MC	H	B	0504 EMA 10 Form A4 – 60

**Question Type Categories:**

**MC** — Multiple Choice

**MT** — Matching

**NR** — Numerical Response

**TF** — True and False