

**Principles of Mathematics 10**  
**August 2006 — Form A**  
 Provincial Examination — Answer Key

**Cognitive Processes**

**K** = Knowledge  
**U** = Understanding  
**H** = Higher Mental Processes

**Question Types**

**36** = Multiple Choice (MC)  
**12** = Matching (MT)  
**8** = Numerical Response (NR)  
**4** = True and False (TF)

**Topics**

1. Problem Solving
2. Number
3. Patterns and Relations
4. Shape and Space
5. Statistics and Probability (Chance and Uncertainty)

**Weightings**

Integrated Throughout  
 20%  
 50%  
 25%  
 5%

**Prescribed Learning Outcomes (PLOs)**

A  
 B  
 C  
 D  
 E

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	A	K	1	2	B3	MC
2.	C	U	1	2	B1	MC
3.	B	U	1	2	B1	MC
4.	C	U	1	2	B2	MC
5.	A	U	1	5	E2	TF
6.	A	H	1	5	E1	MC
7.	232.48	U	1	2	B2	NR
8.	B	K	1	2	B8	MC
9.	B	U	1	2	B8	MT
10.	E	U	1	2	B8	MT
11.	A	U	1	2	B8	MT
12.	B	H	1	2	B5	MC
13.	D	U	1	2	B9	MC
14.	C	U	1	2	B9	MC
15.	8	U	1	2	B1	NR
16.	A	K	1	3	C1	TF
17.	C	U	1	3	C2	MC
18.	D	H	1	3	C4	MC
19.	B	U	1	3	C2	MC
20.	912	U	1	3	C1	NR
21.	A	U	1	3	C13	MC
22.	D	U	1	3	C13	MC
23.	D	K	1	3	C16	MC
24.	C	H	1	3	C16	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
25.	B	U	1	3	C18	MC
26.	C	U	1	3	C15	MC
27.	B	U	1	3	C13, A5, A1	MT
28.	A	U	1	3	C13, A5, A1	MT
29.	E	U	1	3	C13, A5, A1	MT
30.	60	U	1	3	C19	NR
31.	D	U	1	3	C6	MC
32.	B	U	1	3	C6	MC
33.	9	U	1	3	C5	NR
34.	C	U	1	3	C5	MT
35.	A	U	1	3	C5	MT
36.	F	U	1	3	C5	MT
37.	B	K	1	3	C9	TF
38.	C	H	1	3	C7	MC
39.	A	K	1	3	C8	MC
40.	C	U	1	3	C8	MC
41.	-35	H	1	3	C8	NR
42.	B	U	1	3	C10	MC
43.	D	U	1	3	C10	MC
44.	A	U	1	3	C11	MC
45.	C	U	1	3	C11	MC
46.	C	K	1	4	D1	MC
47.	D	U	1	4	D2	MC
48.	B	U	1	4	D8	MC
49.	4.49	U	1	4	D3	NR
50.	C	H	1	4	D5	MC
51.	A	U	1	4	D4	MC
52.	B	U	1	4	D4, D5	MC
53.	A	U	1	4	D5	TF
54.	D	K	1	4	D6	MC
55.	58.84	H	1	4	D3, D5	NR
56.	A	U	1	4	D6	MC
57.	D	U	1	4	D8, D9, D10	MT
58.	B	U	1	4	D7, D9	MT
59.	C	U	1	4	D9	MT
60.	A	U	1	4	D7	MC