

Principles of Mathematics 10
Sample 2007/08
 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	Weightings	Prescribed Learning Outcomes (PLOs)
1. Number	25%	A
2. Patterns and Relations	50%	B
3. Shape and Space	25%	C

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
1.	C	U-	1	1	A4	MC	
2.	A	U-	1	1	A4	MC	
3.	A	U-	1	1	A4	MC	
4.	B	U+	1	1	A4	MC	
5.	D	U+	1	1	A4	MC	
6.	C	U+	1	1	A4	MC	
7.	10.36	U-	1	1	A3	NR	
8.	A	K	1	1	A1	MC	
9.	B	U-	1	1	A2	MC	
10.	D	U+	1	1	A5	MC	
11.	B	H	1	1	A5	MC	
12.	C	U-	1	1	A6	MC	
13.	B	U+	1	1	A6	MC	
14.	C	U-	1	1	A6	MC	
15.	2	K	1	1	A6	NR	
16.	D	K	1	2	B1	MC	
17.	B	U-	1	2	B1	MC	
18.	B	H	1	2	B1	MC	
19.	C	U+	1	2	B2	MC	
20.	836	U-	1	2	B2	NR	
21.	A	U+	1	2	B16	MC	
22.	D	U-	1	2	B11	MC	
23.	C	U-	1	2	B12	MC	

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
24.	C	U+	1	2	B12	MC
25.	D	H	1	2	B12	MC
26.	A	K	1	2	B13	MC
27.	A	U-	1	2	B13	MC
28.	D	U+	1	2	B13	MC
29.	B	U+	1	2	B13	MC
30.	-2.5	U-	1	2	B13	NR
31.	B	K	1	2	B5	MC
32.	C	U-	1	2	B5	MC
33.	-5	U-	1	2	B10	NR
34.	D	H	1	2	B10	MC
35.	D	U+	1	2	B6	MC
36.	B	U+	1	2	B6	MC
37.	C	U-	1	2	B4	MC
38.	D	H	1	2	B4	MC
39.	A	U+	1	2	B8	MC
40.	A	U+	1	2	B7	MC
41.	6	U-	1	2	B7	NR
42.	D	U-	1	2	B7	MC
43.	B	K	1	2	B9	MC
44.	C	U-	1	2	B9	MC
45.	D	U+	1	2	B9	MC
46.	C	K	1	3	C2	MC
47.	A	U+	1	3	C2	MC
48.	C	U-	1	3	C1	MC
49.	63	U-	1	3	C3	NR
50.	C	U+	1	3	C3	MC
51.	B	H	1	3	C3	MC
52.	B	U-	1	3	C7	MC
53.	A	U-	1	3	C7	MC
54.	A	U+	1	3	C8	MC
55.	2	K	1	3	C8	NR
56.	D	H	1	3	C7/C8	MC
57.	B	U-	1	3	C5	MC
58.	D	U+	1	3	C5	MC
59.	D	U-	1	3	C6	MC
60.	C	U+	1	3	C4	MC