

Principles of Mathematics 10
 2008/09 Released Exam
 November 2007 — Form A White Exam
 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.	B	K	1	1	A4	MC	
2.	D	U	1	1	A4	MC	
3.	B	U	1	1	A4	MC	
4.	C	U	1	1	A4	MC	
5.	A	U	1	1	A4	MC	
6.	A	U	1	1	A4	MC	
7.	0.83	U	1	1	A3	NR	
8.	A	H	1	1	A3	MC	
9.	C	K	1	1	A1	MC	
10.	B	U	1	1	A5	MC	
11.	D	U	1	1	A5	MC	
12.	D	H	1	1	A5	MC	
13.	D	U	1	1	A6	MC	
14.	B	U	1	1	A6	MC	
15.	-3	U	1	1	A6	NR	
16.	B	K	1	2	B1	MC	
17.	C	U	1	2	B1	MC	
18.	A	U	1	2	B1	MC	
19.	D	H	1	2	B2	MC	
20.	585	U	1	2	B2	NR	
21.	B	U	1	2	B16	MC	
22.	C	U	1	2	B16	MC	
23.	D	H	1	2	B11	MC	

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
24.	A	U	1	2	B12	MC	
25.	B	U	1	2	B12	MC	
26.	B	U	1	2	B12	MC	
27.	B	U	1	2	B13	MC	
28.	D	U	1	2	B13	MC	
29.	A	U	1	2	B13	MC	
30.	-3	K	1	2	B13	NR	
31.	B	U	1	2	B5	MC	
32.	C	U	1	2	B5	MC	
33.	44	U	1	2	B6	NR	
34.	C	K	1	2	B6	MC	
35.	A	U	1	2	B4	MC	
36.	D	U	1	2	B4	MC	
37.	A	U	1	2	B4	MC	
38.	D	U	1	2	B7	MC	
39.	A	U	1	2	B7	MC	
40.	C	U	1	2	B9	MC	
41.	2	K	1	2	B8	NR	
42.	B	U	1	2	B9	MC	
43.	A	H	1	2	B9	MC	
44.	C	U	1	2	B10	MC	
45.	C	H	1	2	B10	MC	
46.	B	K	1	3	C7	MC	
47.	A	U	1	3	C7	MC	
48.	C	U	1	3	C7	MC	
49.	-4	K	1	3	C6	NR	
50.	C	U	1	3	C6	MC	
51.	B	U	1	3	C8	MC	
52.	C	U	1	3	C8	MC	
53.	B	H	1	3	C4	MC	
54.	A	U	1	3	C4	MC	
55.	118	U	1	3	C1	NR	
56.	B	U	1	3	C3	MC	
57.	D	U	1	3	C3	MC	
58.	D	H	1	3	C3	MC	
59.	D	U	1	3	C2	MC	
60.	C	U	1	3	C5	MC	

Principles of Mathematics 10
 2007/08 Release Exam Green Exam
 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.	B	K	1	1	A4	MC	
2.	B	U	1	1	A4	MC	
3.	D	U	1	1	A4	MC	
4.	D	U	1	1	A4	MC	
5.	B	U	1	1	A4	MC	
6.	C	U	1	1	A3	MC	
7.	1.59	U	1	1	A3	NR	
8.	A	K	1	1	A1	MC	
9.	C	H	1	1	A2	MC	
10.	A	U	1	1	A5	MC	
11.	B	U	1	1	A5	MC	
12.	B	U	1	1	A6	MC	
13.	A	U	1	1	A6	MC	
14.	B	H	1	1	A6	MC	
15.	6	U	1	1	A6	NR	
16.	C	K	1	2	B1	MC	
17.	C	U	1	2	B1	MC	
18.	A	U	1	2	B2	MC	
19.	D	H	1	2	B2	MC	
20.	-12	K	1	2	B13	NR	
21.	D	U	1	2	B13	MC	
22.	A	U	1	2	B13	MC	
23.	D	U	1	2	B13	MC	

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type	Question Source
24.	B	H	1	2	B13	MC	
25.	A	U	1	2	B11	MC	
26.	D	U	1	2	B11	MC	
27.	B	U	1	2	B15	MC	
28.	C	U	1	2	B16	MC	
29.	B	U	1	2	B12	MC	
30.	0	U	1	2	B12	NR	
31.	C	U	1	2	B4	MC	
32.	B	U	1	2	B4	MC	
33.	64	K	1	2	B4	NR	
34.	C	U	1	2	B5	MC	
35.	D	U	1	2	B5	MC	
36.	B	U	1	2	B6	MC	
37.	C	H	1	2	B6	MC	
38.	B	U	1	2	B7	MC	
39.	A	U	1	2	B7	MC	
40.	B	U	1	2	B7	MC	
41.	3	K	1	2	B8	NR	
42.	D	U	1	2	B9	MC	
43.	B	U	1	2	B9	MC	
44.	D	H	1	2	B9	MC	
45.	A	U	1	2	B10	MC	
46.	D	U	1	3	C1	MC	
47.	B	U	1	3	C2	MC	
48.	C	U	1	3	C3	MC	
49.	48	K	1	3	C3	NR	
50.	C	H	1	3	C3	MC	
51.	C	U	1	3	C4	MC	
52.	D	U	1	3	C4	MC	
53.	A	U	1	3	C6	MC	
54.	C	U	1	3	C6	MC	
55.	-18	U	1	3	C5	NR	
56.	A	K	1	3	C7	MC	
57.	C	U	1	3	C7	MC	
58.	A	H	1	3	C7	MC	
59.	B	U	1	3	C8	MC	
60.	D	U	1	3	C8	MC	

Principles of Mathematics 10
 Sample 2007/08 Blue Exam
 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