

Apprenticeship and Workplace Mathematics 10
 2010 – 2011 Sample A
 Provincial Examination — Answer Key

Cognitive Processes	Weightings	Question Type
Knowing	40%	60 = Multiple Choice (MC)
Applying	47%	
Reasoning	13%	

Topics	Prescribed Learning Outcomes (PLOs)	Weightings
1. Measurement	A	30%
2. Geometry	B	40%
3. Number	C	30%
4. Algebra	D	Integrated

Part A: Multiple-Choice Questions (Calculator Not Permitted)

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	A	Knowing	1	1	A1	MC
2.	B	Knowing	1	1	A2	MC
3.	C	Knowing	1	1, 4	A3, D1	MC
4.	D	Applying	1	1, 4	A3, D1	MC
5.	B	Reasoning	1	1, 4	A4, D1	MC
6.	C	Applying	1	1	A4	MC
7.	B	Applying	1	2	B2	MC
8.	C	Knowing	1	2	B6	MC
9.	D	Applying	1	3	C1	MC
10.	C	Knowing	1	3	C1	MC
11.	C	Knowing	1	3	C2	MC
12.	C	Reasoning	1	3	C1	MC

Part B: Multiple-Choice Questions (Calculator Permitted)

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
13.	A	Knowing	1	1	A1	MC
14.	B	Knowing	1	1	A3	MC
15.	A	Knowing	1	1	A2	MC
16.	D	Knowing	1	1	A2	MC
17.	D	Reasoning	1	1, 4	A3, D1	MC
18.	B	Applying	1	1, 4	A4, D1	MC
19.	A	Applying	1	1	A4	MC
20.	B	Knowing	1	1	A3	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
21.	D	Applying	1	1	A3	MC
22.	D	Applying	1	1, 4	A3, D1	MC
23.	B	Applying	1	1	A4	MC
24.	A	Applying	1	1	A4	MC
25.	B	Reasoning	1	2, 1	B2, A4	MC
26.	C	Knowing	1	2	B3	MC
27.	D	Applying	1	2	B3	MC
28.	A	Applying	1	2	B3	MC
29.	D	Applying	1	2	B3	MC
30.	C	Applying	1	2	B3	MC
31.	C	Applying	1	2	B4	MC
32.	A	Applying	1	2	B4	MC
33.	D	Applying	1	2	B4	MC
34.	C	Applying	1	2	B4	MC
35.	C	Applying	1	2, 4	B4, D1	MC
36.	A	Reasoning	1	2	B4	MC
37.	D	Knowing	1	2	B5	MC
38.	D	Knowing	1	2	B5	MC
39.	C	Knowing	1	2	B5	MC
40.	D	Applying	1	2	B5	MC
41.	A	Applying	1	2	B5	MC
42.	A	Knowing	1	2	B5	MC
43.	B	Knowing	1	2	B5	MC
44.	D	Knowing	1	2	B6	MC
45.	A	Knowing	1	2	B6	MC
46.	B	Reasoning	1	2	B5, B6	MC
47.	D	Knowing	1	3	C1	MC
48.	C	Reasoning	1	3	C1	MC
49.	C	Applying	1	3	C1	MC
50.	A	Applying	1	3	C1	MC
51.	A	Applying	1	3	C1, C2	MC
52.	C	Applying	1	3, 4	C2, D1	MC
53.	B	Knowing	1	3	C2	MC
54.	A	Applying	1	3, 4	C2, D1	MC
55.	D	Applying	1	3	C2	MC
56.	C	Applying	1	3	C2	MC
57.	A	Reasoning	1	3	C2	MC
58.	C	Knowing	1	3	C2	MC
59.	D	Knowing	1	3	C2	MC
60.	C	Applying	1	3, 4	C2, D1, C1	MC