

Apprenticeship and Workplace Mathematics 10  
 2010 – 2011 Sample B  
 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.	C	Knowing	1	1	A1	MC
2.	D	Knowing	1	1	A2	MC
3.	A	Applying	1	1, 4	A3, D1	MC
4.	B	Applying	1	1	A3	MC
5.	A	Reasoning	1	1, 4	A4, D1	MC
6.	B	Applying	1	2, 4	B2, D1	MC
7.	A	Applying	1	2	B6	MC
8.	C	Knowing	1	2	B6	MC
9.	D	Reasoning	1	3	C1	MC
10.	B	Applying	1	3	C1	MC
11.	C	Knowing	1	3	C2	MC
12.	D	Knowing	1	3	C2	MC

**Part B: Multiple-Choice Questions (Calculator Permitted)**

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

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