

Foundations of Mathematics and Pre-Calculus 10
Sample Items — Algebra and Numbers
 Answer Key

Cognitive Processes	Question Types
N = Knowing	= Multiple Choice – no calculator (MN)
P = Applying	= Multiple Choice (MC)
Q = Reasoning	= Numerical Response (NR)

Topics	Prescribed Learning Outcomes (PLOs)
1. Measurement	A
2. Algebra and Number	B
3. Relations and Functions	C

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	B	N	1	2	B1	MN
2.	B	N	1	2	B3	MN
3.	A	Q	1	2	B3	MC
4.	C	P	1	2	B1	MC
5.	A	P	1	2	B2	MC
6.	D	P	1	2	B3	MC
7.	A	Q	1	2	B4, A3	MC
8.	D	Q	1	2	B4, A4	MC
9.	C	P	1	2	B4	MC
10.	B	N	1	2	B5	MC
11.	A	Q	1	2	B5	MC
12.	C	Q	1	2	B5	MC
13.	D	P	1	2	B5	MC
14.	B	N	1	2	B5	MC
15.	5	N	1	2	B3	NR
16.	2.85	P	1	2	B3	NR