

# Assessment Rubric – Results

Course # Math 380  
Semester Fall 2005

Student identifier \_\_\_\_\_  
Student course grade \_\_\_\_\_

1. Interface between the real world and mathematics 0 Assessed in this problem  
40 Not assessed
- a. Translates real world situation into mathematical symbology:
- b. Interprets mathematical conclusion in terms of real world situation:
- c. Evaluates the reasonableness of the mathematical results:
2. Problem solving skills and computation 20 Assessed in this problem  
20 Not assessed

- a. Identifies an effective method for solving the problems:

	1 (poor)	2	3	4	5 (excellent)	Not Relevant	Average
A	0	0	0	1	2	0	4.67
B	4	2	1	0	2	0	2.33
C	5	1	0	0	1	0	1.71
D	1	0	0	0	0	0	1
F	0	0	0	0	0	0	--

- b. Implements the method chosen correctly:

	1 (poor)	2	3	4	5 (excellent)	Not Relevant	Average
A	0	1	0	0	2	0	4
B	5	1	1	1	1	0	2.11
C	5	0	1	0	1	0	1.86
D	1	0	0	0	0	0	1
F	0	0	0	0	0	0	--

- c. Uses a correct method to check the validity of the results obtained:

1 (poor)	2	3	4	5 (excellent)	Not Relevant	Average
0	0	0	0	0	20	--

3. Appreciation of mathematical rigor and precision  $\frac{40}{0}$  Assessed in this problem  
 0 Not assessed

a. Determines the validity of a given argument:

b. Develops a valid argument from given rules:

	1 (poor)	2	3	4	5 (excellent)	Not Relevant	Average
A	0	1	1	1	3	0	4
B	7	6	3	0	2	0	2.11
C	9	4	0	1	0	0	1.5
D	2	0	0	0	0	0	1
F	0	0	0	0	0	0	--

4. Overall

a. Presents work clearly:

	1 (poor)	2	3	4	5 (excellent)	Not Relevant	Average
A	1	0	0	2	3	0	4
B	5	6	2	2	2	1	2.41
C	6	6	0	2	0	0	1.86
D	2	0	0	0	0	0	1
F	0	0	0	0	0	0	--

b. Presents work in detail:

	1 (poor)	2	3	4	5 (excellent)	Not Relevant	Average
A	1	0	0	2	3	0	4
B	9	2	1	4	1	1	2.18
C	10	2	1	0	1	0	1.57
D	2	0	0	0	0	0	1
F	0	0	0	0	0	0	--