

MAT 331 Fall 2018, Quiz solutions

Instructions:

For answers that are real numbers, include all non-zero digits to the left of the decimal place, include the decimal place in a box, and as many digits to the right of the decimal place as will fit in the remaining boxes. Truncate, do not round, e.g., given five boxes for $\sqrt{7} = 2.64575131106\dots$, write “2.645”. If a number has no digits to the left of the decimal point, start with the decimal point, e.g., given ten boxes, write $1/\sqrt{2}$ as “.707106781”.

Right justify integer answers, and place blanks (or zeros) in any remaining boxes on the left. For example, given 10 boxes to write 2^{20} either write “0001048576” or “1048576” preceded by three blank boxes.

PRACTICE QUIZ 1:

problem	solution
1	4.12310562
2	198.544645
3	1073741824
4	.874650876
5	2113629833
6	1870721134

QUIZ 1 (Sept 4, 2018):

problem	solution
1	44.9221548
2	1.20205690
3	1220703125
4	.695026128
5	5954304326
6	5581007293

PRACTICE QUIZ 2:

problem	solution
1	.318366325
2	3.23022153
3	1.91474514
4	2.16209114
5	2.05282279
6	267 .500277

QUIZ 2, September 18 (there were two versions of the quiz):

problem	solution A	solution B
1	.170031021	.258387231
2	2.02460102	2.01576152
3	.156294940	.125261812
4	1.52789508	1.58244470
5	.743113279	.482495221
6	161, .498346	376, .502963

PRACTICE QUIZ 3:

problem	solution
1	100
2	100
3	18
4	1,100 or 10,91
5	5
6	30
7	3
8	NO
9	34
10	32
11	261
12	2869690368

QUIZ 3:

problem	solution
1	123
2	257
3	18
4	1,96 or 8,89
5	13
6	30
7	5
8	NO
9	54
10	60
11	1984
12	28160

PRACTICE QUIZ 4:

problem	solution
1	JAYWALKING
2	TKMURKWWOB
3	MADAGASCAR
4	MOZZARELLA
5	IVGXDQDYN
6	QUIZMASTER

QUIZ 4:

problem	solution
1	BOARDGAMES
2	RDCHEXGPRN
3	LUMBERJACK
4	EKVRJESIWN
5	JEOPARDIZE
6	PITTSBURGH