

Letter grades for Math 162 final exam of 7:30 pm Saturday, December 12,
2020

$$\begin{array}{l} A+ = 4.33 \quad A = 4 \quad A- = 3.67 \\ B+ = 3.33 \quad B = 3 \quad B- = 2.67 \\ C+ = 2.33 \quad C = 2 \quad C- = 1.67 \\ D+ = 1.33 \quad D = 1 \quad D- = 0.67 \end{array}$$

This exam was given in two parts, A and B. They are combined into a single score for the purpose of assigning a letter grade. If your total score (which you can find on Blackboard) is x , then your letter grade is

$$f(x) = \frac{3x(3x + 865)}{188500}$$

The sum of the two median scores for the exam was 145 (out of 195 possible), which translates to a letter grade of 3.00 or B. The table on the next page shows the letter grade for each possible score.

x	$f(x)$	x	$f(x)$	x	$f(x)$	x	$f(x)$	x	$f(x)$	x	$f(x)$	x	$f(x)$
0	0.	30	0.46	60	1.	90	1.63	120	2.34	150	3.14	180	4.02
1	0.01	31	0.47	61	1.02	91	1.65	121	2.36	151	3.17	181	4.06
2	0.03	32	0.49	62	1.04	92	1.67	122	2.39	152	3.2	182	4.09
3	0.04	33	0.51	63	1.06	93	1.69	123	2.42	153	3.22	183	4.12
4	0.06	34	0.52	64	1.08	94	1.72	124	2.44	154	3.25	184	4.15
5	0.07	35	0.54	65	1.1	95	1.74	125	2.47	155	3.28	185	4.18
6	0.08	36	0.56	66	1.12	96	1.76	126	2.49	156	3.31	186	4.21
7	0.1	37	0.57	67	1.14	97	1.78	127	2.52	157	3.34	187	4.24
8	0.11	38	0.59	68	1.16	98	1.81	128	2.54	158	3.37	188	4.28
9	0.13	39	0.61	69	1.18	99	1.83	129	2.57	159	3.4	189	4.31
10	0.14	40	0.63	70	1.2	100	1.85	130	2.6	160	3.42	190	4.34
11	0.16	41	0.64	71	1.22	101	1.88	131	2.62	161	3.45	191	4.37
12	0.17	42	0.66	72	1.24	102	1.9	132	2.65	162	3.48	192	4.4
13	0.19	43	0.68	73	1.26	103	1.92	133	2.68	163	3.51	193	4.44
14	0.2	44	0.7	74	1.28	104	1.95	134	2.7	164	3.54	194	4.47
15	0.22	45	0.72	75	1.3	105	1.97	135	2.73	165	3.57	195	4.5
16	0.23	46	0.73	76	1.32	106	2.	136	2.76	166	3.6		
17	0.25	47	0.75	77	1.34	107	2.02	137	2.78	167	3.63		
18	0.26	48	0.77	78	1.36	108	2.04	138	2.81	168	3.66		
19	0.28	49	0.79	79	1.39	109	2.07	139	2.84	169	3.69		
20	0.29	50	0.81	80	1.41	110	2.09	140	2.86	170	3.72		
21	0.31	51	0.83	81	1.43	111	2.12	141	2.89	171	3.75		
22	0.33	52	0.84	82	1.45	112	2.14	142	2.92	172	3.78		
23	0.34	53	0.86	83	1.47	113	2.17	143	2.94	173	3.81		
24	0.36	54	0.88	84	1.49	114	2.19	144	2.97	174	3.84		
25	0.37	55	0.9	85	1.52	115	2.21	145	3.	175	3.87		
26	0.39	56	0.92	86	1.54	116	2.24	146	3.03	176	3.9		
27	0.41	57	0.94	87	1.56	117	2.26	147	3.06	177	3.93		
28	0.42	58	0.96	88	1.58	118	2.29	148	3.08	178	3.96		
29	0.44	59	0.98	89	1.6	119	2.31	149	3.11	179	3.99		