



Comparing MAT to GRE[®] Scores 2017–18

The many graduate schools and programs that accept either *Miller Analogies Test* (MAT) or *Graduate Record Examinations*[®] (GRE) General Test scores as part of their admission requirements may find it useful to be able to compare scores from these two tests. One way to make these comparisons is by simply displaying side-by-side scaled score to percentile rank relationships for the MAT and the GRE. The reasonableness of this comparison is based on the assumption that candidates taking both the MAT and the GRE General Test are from the same pool of graduate school applicants.

The scaled score to percentile information shown in the table below is based on current normative data published in the 2017 edition of the *MAT Technical Manual* and the 2017–18 edition of the *GRE Guide to the Use of Scores* (Educational Testing Service, 2017). The analogy content included on the MAT is more similar to the content on the GRE Verbal Reasoning subtest than to the content on either the Quantitative Reasoning or the Analytical Writing subtest. For this reason, the table provides score comparisons only for the MAT Total Group (scaled score range = 200–600; mean = 397.6; standard deviation = 22.4) and the GRE Verbal Reasoning subtest (scaled score range = 130–170; mean = 149.97; standard deviation = 8.49).

Due to limitations inherent in any method used to determine scaled score comparisons from two different tests, the scores cannot be assumed to be perfectly equivalent or interchangeable. One limitation relates to differences in item formats included on the two tests, with the MAT composed entirely of analogy items and the GRE Verbal Reasoning subtest consisting of reading comprehension, text completion, and sentence equivalence items. Another limitation relates to content, with the MAT including a few analogy items with numerals or other math symbols and the GRE Verbal Reasoning subtest containing only verbal items. Nevertheless, both assessments are intended to assess candidates' ability to comprehend, analyze, evaluate, and make inferences from concepts represented as text. The score comparisons displayed here can thus be useful in comparing a score earned on one test with a score earned on the other, which may be helpful in assessing candidates applying to a graduate program.

MAT Total Group to GRE Verbal Reasoning (VR) Scaled Score and Percentile Rank Comparisons

Percentile rank	Scaled scores		Percentile rank	Scaled scores		Percentile rank	Scaled scores	
	MAT	GRE: VR		MAT	GRE: VR		MAT	GRE: VR
1	200–356	131–132	36	388	—	71	—	—
2	357–359	133–134	37	—	—	72	409	—
3	360–361	135	38	389	—	73	410	156
4	362–363	136	39	—	148	74	411	—
5	364	—	40	390	—	75	—	—
6	365–366	137	41	391	—	76	412	157
7	367	—	42	—	—	77	413	—
8	368	138	43	392	149	78	414	—
9	369	139	44	—	—	79	415	—
10	370	—	45	393	—	80	416	158
11	371	—	46	—	—	81	417	—
12	372	140	47	394	—	82	418	—
13	373	—	48	—	150	83	419	159
14	374	—	49	395	—	84	420	—
15	375	141	50	396	—	85	421	—
16	—	—	51	—	—	86	422	160
17	376	142	52	397	151	87	423	—
18	377	—	53	—	—	88	424–425	161
19	—	—	54	398	—	89	426	—
20	378	143	55	—	—	90	427–428	—
21	379	—	56	399	152	91	429	162
22	—	—	57	400	—	92	430–431	—
23	380	—	58	—	—	93	432–433	163
24	381	144	59	401	—	94	434–435	164
25	—	—	60	—	—	95	436–438	—
26	382	—	61	402	153	96	439–442	165
27	—	145	62	403	—	97	443–446	166
28	383	—	63	—	—	98	447–451	167–168
29	384	—	64	404	—	99	452–600	169–170
30	—	—	65	—	154			
31	385	146	66	405	—			
32	—	—	67	406	—			
33	386	—	68	—	—			
34	387	—	69	407	155			
35	—	147	70	408	—			