



## Comparing MAT to GRE<sup>®</sup> Scores 2016–17

The many graduate schools and programs that accept either *Miller Analogies Test* (MAT) or *Graduate Record Examinations*<sup>®</sup> (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 2016–17 edition of the *GRE Guide to the Use of Scores* (Educational Testing Service, 2016). 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 = 150.22; standard deviation = 8.45).

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