

# CALCULATING ESTIMATES OF TEST SCORES

## Summer 2024

An explanation and an example of how to estimate your scores on the test appears below.

You can calculate estimates of your scores in each of the test domains – Verbal Reasoning, Quantitative Reasoning and English – as well as estimates of your General Psychometric Test scores, which are based on your scores in these three domains.

### CALCULATING YOUR RAW SCORES IN EACH OF THE TEST DOMAINS

Each correct answer is worth one point. To calculate your raw scores, add up the total number of points you obtained in each of the three test domains (there are two sections for each of the Verbal Reasoning, Quantitative Reasoning and English domains). At the end of this stage, three raw scores will be obtained: a raw score in Verbal Reasoning, a raw score in Quantitative Reasoning, and a raw score in English.

### CALCULATING YOUR STANDARDIZED SCORES IN EACH OF THE TEST DOMAINS

Each raw score is then converted to a score on a standard scale, that is, a score that is not affected by the particular test version, language or date. You can find your standardized scores on the Table for Converting Raw Scores to Standardized Scores shown below.

At the end of this stage, you will obtain estimates of your standardized scores in the three test domains (on a scale ranging from 50 to 150):

**a Verbal Reasoning score (V), a Quantitative Reasoning score (Q), and an English score (E)**

**TABLE FOR CONVERTING RAW SCORES TO STANDARDIZED SCORES IN EACH OF THE TEST DOMAINS**

Raw Score	Standardized Score		
	Verbal	Quantitative	English
0	50	50	50
1	51	52	51
2	52	54	53
3	53	56	55
4	55	58	57
5	57	60	59
6	59	62	61
7	61	64	63
8	63	67	65
9	65	69	67
10	67	71	69
11	70	74	71
12	73	77	74
13	75	79	76
14	78	82	79

Raw Score	Standardized Score		
	Verbal	Quantitative	English
15	81	85	81
16	84	88	83
17	87	91	86
18	89	94	88
19	93	97	91
20	96	100	93
21	99	103	95
22	102	106	97
23	105	109	100
24	107	112	102
25	110	115	104
26	113	118	106
27	116	121	109
28	119	123	111
29	122	126	114

Raw Score	Standardized Score		
	Verbal	Quantitative	English
30	125	129	116
31	128	132	118
32	131	134	121
33	133	137	123
34	136	139	126
35	139	141	128
36	141	143	130
37	143	145	133
38	146	147	135
39	148	148	138
40	150	150	140
41			142
42			145
43			147
44			150

The method for calculating an estimate of scores, as described below, does not take into account the score on the writing task. The calculation is based on the assumption that the level of ability demonstrated in the writing task is similar to that demonstrated in the multiple-choice sections of the Verbal Reasoning domain.

## ESTIMATING YOUR GENERAL SCORES

In order to estimate your general scores, first calculate your **weighted scores**.

- **Multi-Domain General Score:** The scores in the Verbal Reasoning and Quantitative Reasoning domains receive twice the weight of the English domain score. The calculation for the weighted multi-domain score is  $\frac{2V + 2Q + E}{5}$ .
- **Humanities-Oriented General Score:** The weight of the score in the Verbal Reasoning domain is three times the weight of the other scores. The calculation for the weighted humanities-oriented score is  $\frac{3V + Q + E}{5}$ .
- **Sciences-Oriented General Score:** The weight of the score in the Quantitative Reasoning domain is three times the weight of the other scores. The calculation for the weighted sciences-oriented score is  $\frac{3Q + V + E}{5}$ .

TABLE FOR CONVERTING WEIGHTED SCORE TO GENERAL SCORE ESTIMATE

Weighted Score	Estimate of General Score
50	200
51-55	221-248
56-60	249-276
61-65	277-304
66-70	305-333
71-75	334-361
76-80	362-389
81-85	390-418
86-90	419-446
91-95	447-474
96-100	475-503

Weighted Score	Estimate of General Score
101-105	504-531
106-110	532-559
111-115	560-587
116-120	588-616
121 -125	617-644
126-130	645-672
131-135	673-701
136-140	702-729
141-145	730-761
146-149	762-795
150	800

### EXAMPLE OF HOW TO CALCULATE AN ESTIMATE OF YOUR SCORE

Assume that your raw scores in the test domains are as follows:

23 correct answers in Verbal Reasoning (total of the two sections);

15 correct answers in Quantitative Reasoning (total of the two sections);

36 correct answers in English (total of the two sections).

Based on the table found on the previous page:

The estimate of your standardized score in

**Verbal Reasoning** is  $V = 105$

The estimate of your standardized score in

**Quantitative Reasoning** is  $Q = 85$

The estimate of your standardized score in

**English** is  $E = 130$

The calculation of your weighted scores is shown in the box to the right.

- The weighted **multi-domain general score** is:

$$\frac{(2 \cdot 105) + (2 \cdot 85) + 130}{5} = 102$$

This weighted score is found in the above table in the 101-105 range, and the corresponding general score is in the 504-531 range.

- The weighted **humanities-oriented general score** is:

$$\frac{(3 \cdot 105) + 85 + 130}{5} = 106$$

This weighted score is found in the above table in the 106-110 range, and the corresponding general score is in the 532-559 range.

- The weighted **sciences-oriented general score** is:

$$\frac{(3 \cdot 85) + 105 + 130}{5} = 98$$

This weighted score is found in the above table in the 96-100 range, and the corresponding general score is in the 475-503 range.

## CONVERTING YOUR SCORE INTO PERCENTAGES

The table for converting score ranges into percentages, which appears below, helps you understand the significance of the scores you obtained. The table is divided into 17 categories of score ranges. The percentage of examinees whose score is below, within and above the range is given for each range. For example, a general score of 518 falls in the 500-524 range, and this means that approximately 40% of examinees scored below this range, approximately 7% scored within this range, and approximately 53% scored above this range.

The division into categories is solely for illustrative purposes, and does not reflect the admissions policy of any institution. The conversion of the scores into percentages is based on the entire population of Psychometric Test examinees in recent years.

**TABLE FOR CONVERTING RANGES OF SCORES INTO PERCENTAGES**

Score Range	Percentage of Examinees Whose Score Falls		
	Below the Range	Within the Range	Above the Range
200 - 349	0	6	94
350 - 374	6	4	90
375 - 399	10	5	85
400 - 424	15	5	80
425 - 449	20	6	74
450 - 474	26	7	67
475 - 499	33	7	60
500 - 524	40	7	53
525 - 549	47	7	46
550 - 574	54	7	39
575 - 599	61	7	32
600 - 624	68	8	24
625 - 649	76	7	17
650 - 674	83	6	11
675 - 699	89	5	6
700 - 724	94	3	3
725 - 800	97	3	0