

Noesis

The Journal of the Hoeflin Research Group
(Issue 31, October 1988)

Editorial

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May's patent: Richard W. May has been awarded a patent for his board game. I will reproduce this patent in the next issue of Noesis.

New norming of the Mega Test: Using new data concerning the distribution of scores on the Scholastic Aptitude Test obtained by member Keith Ramiere from officials at the Educational Testing Service, I have completed a new norming of the Mega Test, which I reproduce in the present issue of Noesis.

Rockefeller Prize: I recently won a national competition for a philosophical essay. Information concerning this prize is reproduced in this issue.

How colleges handle SAT's: On the final page of this issue I reproduce a clipping from the New York Times that describes how colleges in the United States deal with SAT scores when an individual attempts the test more than once.

H. W. Corley and Family (Photo)



The Fifth Norming of the Mega Test

Ronald K. Hoeflin
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The fourth norming of the Mega Test was based on scores reported by Mega Test participants on five previously taken tests: the Army General Classification Test, the California Test of Mental Maturity, the Wechsler Adult Intelligence Scale, the Stanford-Binet, and the Langdon Adult Intelligence Test. Three commonly reported test results--on the Scholastic Aptitude Test, the Graduate Record Exam, and the Miller Analogies Test--were discarded on the grounds that their means and standard deviations with respect to the general population are quite uncertain.

Recently, however, fresh information on the distribution of scores on the Scholastic Aptitude Test has been obtained by Keith Raniers, a member of the Hoeflin Research Group, from senior statisticians at the Educational Testing Service. Using this information, it is now possible to norm the Mega Test by comparison with a test for which an unusually large sample is available. Far whereas most conventional intelligence tests are normed using a sample of 3,000 or so participants, the new SAT data consists of the performances of 964,739 individuals who took the test as high-school seniors in 1984. Moreover, this data shows combined verbal and mathematical aptitude scores, whereas all previous data has consisted of separate data for the verbal and for the mathematical portions of the SAT, leaving the distribution of combined scores a matter of uncertainty and conjecture.

There is still some uncertainty as to how the new data relates to the general population, since not all high school seniors attempt the SAT, but using the Educational Testing Service's conjecture that more than 95% of the most able one percent of high school seniors attempt the SAT each year, it is possible to arrive at some fairly plausible norms for the Mega Test, which reaches the 99th percentile at a fairly low raw score. In fact, the results are almost identical to those arrived at in the fourth norming despite the strikingly different sources of these two normings.

The present norming is presented in the form of seven charts, whose contents can be summarized as follows:

Chart A: This chart shows the distribution of scores on the SAT for 964,739 high-school seniors in 1984.

Charts B, C, and D: These charts show (A) the distribution of SAT scores reported Mega Test participants, (B) the distribution of Mega Test raw scores of these same participants, and (C) a smoothed distribution of Mega Test raw scores for these participants.

Chart E: This chart shows the scores on the SAT and on the Mega Test that are equivalent to various percentiles vis-a-vis the general population based on comparisons of Charts A, B, C, and D as well as estimates (reported orally to Keith Raniers by Educational Testing Service officials) concerning what percentage of high-school seniors at various ability levels attempt the SAT and what percentage of SAT data is from foreign students.

Chart F: This is a graph of the results from Chart E.

Chart G: This chart gives IQ's and percentiles for each raw score on the Mega Test as read from Chart F.

Chart A

1984 National College-Bound Seniors
SAT V + M Test Score Distributions

| <u>Score</u> | <u>Frequency</u> | <u>Cumulative frequency</u> | <u>Score</u> | <u>Frequency</u> | <u>Cumulative frequency</u> |
|--------------|------------------|---------------------------------|--------------|------------------|---------------------------------|
| 1600 | 5 | 964,739 | 1140 | 9,470 | 838,691 |
| 1590 | 0 | 964,734 | 1130 | 9,715 | 829,221 |
| 1580 | 27 | 964,734 | 1120 | 10,293 | 819,506 |
| 1570 | 19 | 964,707 | 1110 | 10,639 | 809,213 |
| 1560 | 39 | 964,688 | 1100 | 11,136 | 798,574 |
| 1550 | 75 | 964,649 | 1090 | 11,268 | 787,438 |
| 1540 | 96 | 964,574 | 1080 | 11,713 | 776,150 |
| 1530 | 108 | 964,478 | 1070 | 12,224 | 764,437 |
| 1520 | 188 | 964,370 | 1060 | 12,652 | 752,213 |
| 1510 | 217 | 964,182 | 1050 | 13,057 | 739,561 |
| 1500 | 278 | 963,965 | 1040 | 13,733 | 726,504 |
| 1490 | 316 | 963,687 | 1030 | 14,064 | 712,771 |
| 1480 | 404 | 963,371 | 1020 | 14,333 | 698,707 |
| 1470 | 473 | 962,967 | 1010 | 15,109 | 684,374 |
| 1460 | 617 | 962,494 | 1000 | 15,082 | 669,265 |
| 1450 | 601 | 961,877 | 990 | 15,118 | 654,183 |
| 1440 | 795 | 961,276 | 980 | 15,440 | 639,065 |
| 1430 | 874 | 960,481 | 970 | 15,566 | 623,625 |
| 1420 | 1,071 | 959,607 | 960 | 16,294 | 608,059 |
| 1410 | 1,196 | 958,536 | 950 | 16,368 | 591,765 |
| 1400 | 1,323 | 957,340 | 940 | 16,640 | 575,397 |
| 1390 | 1,439 | 956,017 | 930 | 16,899 | 558,757 |
| 1380 | 1,621 | 954,578 | 920 | 16,539 | 541,858 |
| 1370 | 1,871 | 952,957 | 910 | 17,351 | 525,319 |
| 1360 | 2,028 | 951,086 | 900 | 17,089 | 507,968 |
| 1350 | 2,267 | 949,058 | 890 | 17,138 | 490,879 |
| 1340 | 2,495 | 946,791 | 880 | 16,936 | 473,741 |
| 1330 | 2,698 | 944,296 | 870 | 17,233 | 456,804 |
| 1320 | 3,155 | 941,598 | 860 | 17,155 | 439,572 |
| 1310 | 3,334 | 938,443 | 850 | 17,439 | 422,417 |
| 1300 | 3,661 | 935,109 | 840 | 16,933 | 404,978 |
| 1290 | 3,730 | 931,448 | 830 | 16,821 | 388,045 |
| 1280 | 4,099 | 927,718 | 820 | 16,903 | 371,244 |
| 1270 | 4,393 | 923,619 | 810 | 16,639 | 354,341 |
| 1260 | 4,762 | 919,226 | 800 | 16,061 | 337,702 |
| 1250 | 4,923 | 914,964 | 790 | 15,862 | 321,641 |
| 1240 | 5,623 | 909,541 | 780 | 15,540 | 305,779 |
| 1230 | 5,701 | 903,918 | 770 | 15,881 | 290,239 |
| 1220 | 6,143 | 898,217 | 760 | 14,992 | 274,358 |
| 1210 | 6,747 | 892,074 | 750 | 14,778 | 258,366 |
| 1200 | 6,678 | 885,277 | 740 | 14,413 | 244,588 |
| 1190 | 7,091 | 878,399 | 730 | 14,061 | 230,174 |
| 1180 | 7,500 | 871,308 | 720 | 13,761 | 216,114 |
| 1170 | 7,981 | 863,808 | 710 | 13,365 | 202,353 |
| 1160 | 8,346 | 855,827 | 700 | 12,795 | 188,988 |
| 1150 | 8,740 | 847,481 | | | |

Chart A (continued)

| <u>Score</u> | <u>Frequency</u> | <u>Cumulative frequency</u> |
|--------------|------------------|---------------------------------|
| 690 | 12,094 | 176,193 |
| 680 | 11,942 | 164,099 |
| 670 | 11,579 | 152,157 |
| 660 | 10,532 | 140,578 |
| 650 | 10,727 | 130,046 |
| 640 | 9,990 | 119,319 |
| 630 | 9,674 | 109,329 |
| 620 | 9,512 | 99,655 |
| 610 | 8,621 | 90,143 |
| 600 | 8,417 | 81,522 |
| 590 | 7,958 | 73,110 |
| 580 | 7,304 | 65,152 |
| 570 | 7,139 | 57,848 |
| 560 | 6,412 | 50,709 |
| 550 | 5,974 | 44,297 |
| 540 | 5,654 | 38,323 |
| 530 | 5,086 | 32,669 |
| 520 | 4,796 | 27,583 |
| 510 | 4,216 | 22,787 |
| 500 | 3,769 | 18,571 |
| 490 | 3,275 | 14,802 |
| 480 | 2,812 | 11,527 |
| 470 | 2,439 | 8,715 |
| 460 | 1,785 | 6,276 |
| 450 | 1,737 | 4,491 |
| 440 | 1,107 | 2,754 |
| 430 | 665 | 1,647 |
| 420 | 431 | 982 |
| 410 | 326 | 551 |
| 400 | 204 | 225 |
| 390 | 0 | 21 |
| 380 | 1 | 21 |
| 370 | 3 | 20 |
| 360 | 1 | 17 |
| 350 | 3 | 16 |
| 340 | 1 | 13 |
| 330 | 1 | 12 |
| 320 | 2 | 11 |
| 310 | 2 | 9 |
| 300 | 0 | 7 |
| 290 | 0 | 7 |
| 280 | 0 | 7 |
| 270 | 3 | 7 |
| 260 | 3 | 4 |
| 250 | 0 | 1 |
| 240 | 1 | 1 |
| 230 | 0 | 0 |
| 220 | 0 | 0 |
| 210 | 0 | 0 |
| 200 | 0 | 0 |

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Distribution of SAT Scores Reported by Mega Test Participants
and the Distribution of Their Mega Test Raw Scores

| <u>Chart B</u> | | | <u>Chart C</u> | | <u>Chart D</u> | |
|--------------------|-------------|------|---|----|---|----|
| SAT Scores (V + M) | | | Mega Test Raw Scores of Those Reporting SAT Scores (Unsmoothed) | | Mega Test Raw Scores of Those Reporting SAT Scores (Smoothed) | |
| 1100 | xx | 900 | | | | |
| 1110 | | 910 | | 0 | | 0 |
| 1120 | x | 920 | | 1 | | 1 |
| 1130 | | 930 | x | 2 | | 2 |
| 1140 | | 940 | | 3 | xx | 3 |
| 1150 | xxx | 950 | | 4 | xx | 4 |
| 1160 | xx | 960 | x | 5 | xxxx | 5 |
| 1170 | x | 970 | | 6 | xxxx | 6 |
| 1180 | x | 980 | | 7 | xxxxx | 7 |
| 1190 | xx | 990 | | 8 | xxxxxx | 8 |
| 1200 | xxxxx | 1000 | | 9 | xxxxxx | 9 |
| 1210 | x | 1010 | | 10 | xxxxxx | 10 |
| 1220 | x | 1020 | | 11 | xxx | 11 |
| 1230 | xxx | 1030 | | 12 | xxxxxxxxxxx | 12 |
| 1240 | xx | 1040 | | 13 | xxxxxxxxxx | 13 |
| 1250 | xxxx | 1050 | x | 14 | xxxxxxxxxx | 14 |
| 1260 | xxxxx | 1060 | | 15 | xxxxxxxxxxx | 15 |
| 1270 | xxxx | 1070 | | 16 | xxxxxxxxxxxxx | 16 |
| 1280 | xxx | 1080 | | 17 | xxxxxxxxxxxxx | 17 |
| 1290 | xxxxxxxx | 1090 | x | 18 | xxxxxxxxxxxxx | 18 |
| 1300 | xxxxxxxxxxx | | | 19 | xxxxxxxxxxxxx | 19 |
| 1310 | xxx | | | 20 | xxxxxxxxxxxxx | 20 |
| 1320 | xx | | | 21 | xxxxxxxxxxxxx | 21 |
| 1330 | xxxxxxxxxxx | | | 22 | xxxxxxxxxxxxx | 22 |
| 1340 | xxxxxxxx | | | 23 | xxxxxx | 23 |
| 1350 | xxxxxx | | | 24 | xxxxxxxxxxx | 24 |
| 1360 | xxxxxxxxxx | | | 25 | xxxxxx | 25 |
| 1370 | xxxx | | | 26 | xxxxxx | 26 |
| 1380 | xxxxxxxxxxx | | | 27 | xxxxx | 27 |
| 1390 | xxxx | | | 28 | xxxxxxxxxxx | 28 |
| 1400 | xxxxxxxx | | | 29 | xxx | 29 |
| 1410 | xxxxxx | | | 30 | xx | 30 |
| 1420 | xxxxxxxx | | | 31 | xxxxxxxxx | 31 |
| 1430 | xxxxxx | | | 32 | xxx | 32 |
| 1440 | xxxxxx | | | 33 | xxxxxx | 33 |
| 1450 | xxxxxx | | | 34 | xxx | 34 |
| 1460 | xxxxxxxxxx | | | 35 | x | 35 |
| 1470 | xxxxxx | | | 36 | xxxx | 36 |
| 1480 | xxxxxx | | | 37 | | 37 |
| 1490 | xxxxxxxxxxx | | | 38 | | x |
| 1500 | xxxxxx | | | 39 | xx | x |
| 1510 | xxxxxx | | | 40 | x | x |
| 1520 | xxxxxxxx | | | 41 | | x |
| 1530 | xxx | | | 42 | | x |
| 1540 | xxxxxx | | | 43 | xx | x |
| 1550 | xxxx | | | 44 | xx | x |
| 1560 | xxx | | | 45 | | |
| 1570 | x | | | 46 | | |
| 1580 | xxx | | | 47 | | |
| 1590 | x | | | 48 | | |
| 1600 | | | | | | |

Chart E

| (1) | (2) | (3) | (4) | (5) | (6) |
|------------|---|---|--|--|--|
| Percentile | Equivalent standard deviations above mean (from standard statistical tables.) | Adjusted number of U.S. 18-year-olds exceeding this level in 1984 | Equivalent S.A.T. level (from Chart A) | Number of S.A.T. scores reported by Mega Test participants that exceeded this level (from Chart B) | Equivalent Mega Test raw scores (comparing Charts B and D) |
| 90 | 1.3 | 322,701 | 987 | 219 | 4 |
| 97 | 1.9 | 100,844 | 1175 | 207 | 7 |
| 99 | 2.3 | 32,270 | 1288 | 174 | 12.5 |
| 99.7 | 2.7 | 10,212 | 1385 | 108 | 19 |
| 99.9 | 3.1 | 3,227 | 1449 | 71 | 23.5 |
| 99.97 | 3.4 | 1,021 | 1496 | 38 | 29 |
| 99.99 | 3.7 | 323 | 1529 | 19 | 33 |
| 99.997 | 4.0 | 102 | 1553 | 9 | 36 |
| 99.999 | 4.3 | 32 | 1575 | 4 | 40.5 |
| 99.9997 | 4.5 | 10 | 1583 | 2 | 42.5 |
| 99.9999 | 4.8 | 3 | 1599 | 0 | 44.5 |

Comments on Column (1): The 97, 99.7, 99.97, etc., percentiles are abbreviations for the 96.837723, 99.6837723, 99.96837723, etc., percentiles. The latter even out the ratios between each successive percentile such that 1/3.162277 as many people score above the 96.837723 percentile as score above the 90 percentile, 1/3.162277 as many score above the 99 percentile as above the 96.837723 percentile, and so forth.

Column (2): Since I am mapping raw scores on the Mega Test into a normal or Gaussian distribution curve, each percentile will always equate with a single specific standard deviation, as specified in standard statistical tables.

Column (3): The Reader's Digest Almanac and Yearbook for 1981 estimates the number of high-school graduates in the U.S. in 1984 at 2,684,000 (see p. 202). The New York Times reported in its Sept. 22, 1988 issue that 86.5 percent of 25-34 year olds in the U.S. were high-school graduates. This would put the total 18-year-old population in 1984 at about 3,102,890 (solving for x in the equation $2,684,000 = .865x$). The Educational Testing Service estimates that more than 95% of those in the top one percent in ability in the U.S. take the S.A.T. It also says that about 2% of S.A.T. participants are foreigners, who score mostly in the top 25% on the test. So I adjusted the 3,102,890 figure down by 4% to adjust for the non-participation of some of the ablest U.S. 18-year-olds, and up again by 8% to adjust for the participation of foreigners, for a net gain of about 4% to 3,227,006. From this figure I derived the figures shown in Column (3).

Column (4): I assumed that the number of people achieving each score level on the S.A.T. (see Graph A) are spread evenly over a 10-point interval starting 3 points below the specified score and ending

5 ppnts above that specified score. Thus, for example, the top 5 scorers would be spread over the interval from 1595 to 1605, with one person in the interval 1595 to 1597, one in the interval 1597 to 1599, and so forth. So since about 3 people should be credited with a one-in-a-million performance on the S.A.T. (the 99.9999 percentile), it follows that this percentile should be set equal to an S.A.T. score of about 1599.

Column (5): Of those who attempted the Mega Test, 222 reported S.A.T. scores. If one individual reported two S.A.T. scores, the first of these was eliminated on the assumption that it was achieved during the junior rather than senior year in high school. Scores from 1245 to 1254 were rounded to 1250, and likewise for the other score intervals. Then it was assumed that all those scoring from 1245 to 1254 are spread evenly over the interval from 1245 to 1255 for purposes of determining how many participants scored over each of the S.A.T. scores specified in Column (4).

Column (6): Chart C showing Mega Test raw scores for the 222 who reported S.A.T. scores was smoothed out to yield the distribution shown in Chart D. Of the 222 reported S.A.T. scores, 219 were above 987 (verbal and math aptitude combined), which I rate as equivalent to the 90 percentile for all U.S. 18-year-olds. In Chart D, 219 have Mega Test raw scores of 4 or above, so I set a raw score of 4 on the Mega Test equal to 987 on the S.A.T. and to the 90 percentile for the general population. I did likewise for each of the other percentile levels above 90. The smoothed chart (Chart D) does not yield significantly different results from the unsmoothed chart (Chart C) but was adopted primarily to give a more even distribution for Mega Test raw scores above 36, where the amount of data from those reporting S.A.T. scores is rather thin. The following comparison can be made between the results yielded by the unsmoothed data (Chart C) and the smoothed data (Chart D) as well as the Fourth Norming of the Mega Test.

**Equivalences Between Percentiles
and Mega Test Raw Scores**

| <u>Percentile</u> | <u>Smoothed (Chart D)</u> | <u>Unsmoothed (Chart C)</u> | <u>4th Norming</u> |
|-------------------|-------------------------------|---------------------------------|--------------------|
| 90 | 4 | 4 | 5 |
| 97 | 7 | 7 | 7 |
| 99 | 12.5 | 12.5 | 13 |
| 99.7 | 19 | 19.5 | 19 |
| 99.9 | 23.5 | 23.5 | 24 |
| 99.97 | 29 | 28.5 | 29 |
| 99.99 | 33 | 33 | 32.5 |
| 99.997 | 36 | 36 | 36 |
| 99.999 | 40.5 | 41.5 | 40 |
| 99.9997 | 42.5 | 43.5 | 43 |
| 99.9999 | 44.5 | 44.5 | 45 |

Here I have rounded the Mega Test raw scores to the nearest half point. The Educational Testing Service assumes that only about 75% rather than 95% of those in the top 10% in ability try the S.A.T., but even making an adjustment for this at the 90 percentile puts the S.A.T. score equivalent to this percentile at about 1025 rather than 987. This does not alter my results because there are still only 3 reported S.A.T. scores below 1025 in Chart B, just as there are also just 3 below 987, leaving the equivalent Mega Test raw score at 4.

Chart P

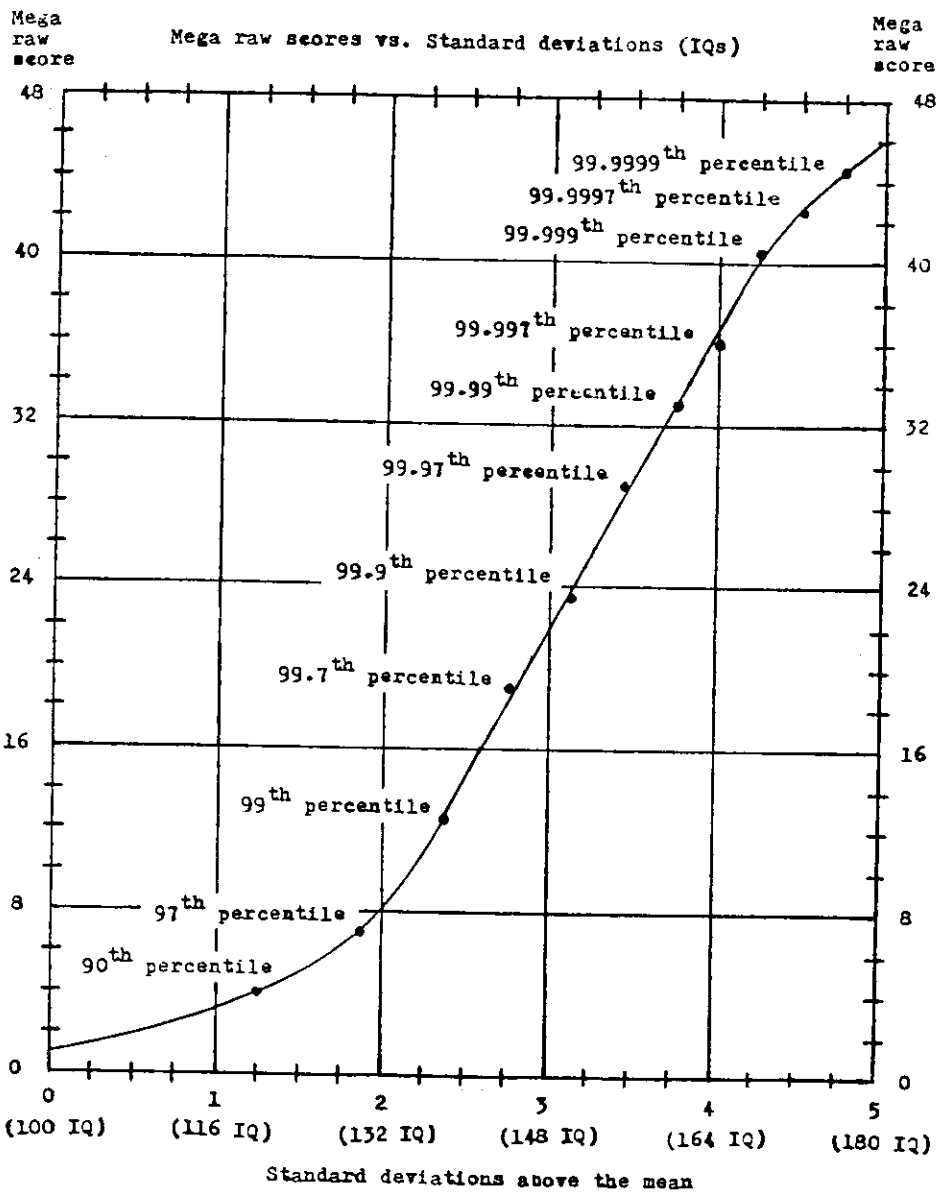


Chart G

IQ's and Percentiles per Raw Score Based on Chart F

| <u>Mega Raw Score</u> | <u>Standard deviation</u> | <u>I.Q.</u> | <u>Percentile</u> | <u>Rarity</u> |
|-------------------------------|-------------------------------|-------------|-------------------|-----------------|
| 1 | 0.00 | 100 | 50 | 1 in 2 |
| 2 | 0.50 | 108 | 69 | 1 in 3 |
| 3 | 1.00 | 116 | 84 | 1 in 6 |
| 4 | 1.25 | 120 | 89 | 1 in 9 |
| 5 | 1.50 | 124 | 93 | 1 in 14 |
| 6 | 1.69 | 127 | 95 | 1 in 20 |
| 7 | 1.88 | 130 | 97.0 | 1 in 33 |
| 8 | 2.00 | 132 | 97.7 | 1 in 43 |
| 9 | 2.08 | 134 | 98.1 | 1 in 53 |
| 10 | 2.19 | 135 | 98.6 | 1 in 71 |
| 11 | 2.25 | 136 | 98.8 | 1 in 85 |
| 12 | 2.33 | 137 | 99.0 | 1 in 100 |
| 13 | 2.40 | 138 | 99.2 | 1 in 125 |
| 14 | 2.46 | 139 | 99.3 | 1 in 143 |
| 15 | 2.53 | 140 | 99.4 | 1 in 167 |
| 16 | 2.59 | 141 | 99.5 | 1 in 200 |
| 17 | 2.67 | 143 | 99.6 | 1 in 250 |
| 18 | 2.73 | 144 | 99.7 | 1 in 333 |
| 19 | 2.81 | 145 | 99.75 | 1 in 400 |
| 20 | 2.88 | 146 | 99.80 | 1 in 500 |
| 21 | 2.94 | 147 | 99.84 | 1 in 625 |
| 22 | 3.00 | 148 | 99.87 | 1 in 769 |
| 23 | 3.06 | 149 | 99.89 | 1 in 909 |
| 24 | 3.14 | 150 | 99.92 | 1 in 1,250 |
| 25 | 3.21 | 151 | 99.93 | 1 in 1,429 |
| 26 | 3.27 | 152 | 99.95 | 1 in 2,000 |
| 27 | 3.33 | 153 | 99.96 | 1 in 2,500 |
| 28 | 3.41 | 155 | 99.97 | 1 in 3,333 |
| 29 | 3.48 | 156 | 99.975 | 1 in 4,000 |
| 30 | 3.54 | 157 | 99.980 | 1 in 5,000 |
| 31 | 3.60 | 158 | 99.984 | 1 in 6,250 |
| 32 | 3.68 | 159 | 99.988 | 1 in 8,333 |
| 33 | 3.75 | 160 | 99.991 | 1 in 11,111 |
| 34 | 3.81 | 161 | 99.993 | 1 in 14,286 |
| 35 | 3.88 | 162 | 99.995 | 1 in 20,000 |
| 36 | 3.96 | 163 | 99.996 | 1 in 25,000 |
| 37 | 4.02 | 164 | 99.997 | 1 in 33,333 |
| 38 | 4.08 | 165 | 99.9977 | 1 in 43,478 |
| 39 | 4.14 | 166 | 99.9983 | 1 in 58,824 |
| 40 | 4.23 | 168 | 99.9988 | 1 in 83,333 |
| 41 | 4.31 | 169 | 99.9992 | 1 in 125,000 |
| 42 | 4.42 | 171 | 99.9995 | 1 in 200,000 |
| 43 | 4.54 | 173 | 99.9997 | 1 in 333,333 |
| 44 | 4.68 | 175 | 99.99986 | 1 in 714,286 |
| 45 | 4.83 | 177 | 99.99993 | 1 in 1,428,571 |
| 46 | 5.00 | 180 | 99.99997 | 1 in 3,333,333 |
| 47 | 5.21 | 183 | 99.999991 | 1 in 11,111,111 |
| 48 | 5.42 | 186 | 99.999997 | 1 in 33,333,333 |

The Rockefeller Prize

Proceedings and Addresses
of
The American
Philosophical Association

January 1988
Volume 61, #3

FIFTH ANNUAL COMPETITION FOR WORK BY UNAFFILIATED PHILOSOPHERS

The APA Committee on Lectures, Publications and Research invites submissions from members for the prize awarded annually, with funds provided by a grant from the Rockefeller Foundation, for the best unpublished work in philosophy by a non-academically affiliated philosopher. This will be the fifth annual prize.

This prize was made possible by a five-year grant awarded to the APA in order to encourage writing and research by humanists not employed in an academic setting; similar prizes are awarded, also with Rockefeller funding, by the American Historical Association and the Modern Language Association.

Rules for the 1988 competition are as follows:

1. Manuscripts submitted must be unpublished and written by individuals who hold a PhD in philosophy.
2. Authors of work submitted may not have held an academic position at an institution of higher education within the last three years. Professors emeriti are not eligible; persons holding an unpaid affiliate appointment to a department, or holding only a limited and temporary adjunct appointment are eligible.
3. Manuscripts must be neatly typed, and three copies must be submitted to the subcommittee chair at the address below.
4. Deadline for receipt of submissions for the 1988 competition is June 1, 1988.

Book length manuscripts *will not be considered*. A representative chapter from a book would be considered. The manuscripts will be reviewed "blind".

Members of the Subcommittee of the Committee on Lectures, Publications and Research to award the 1988 prize are Timothy Brennan, Chair; LaVerne Shelton and Paul Woodruff. Works submitted for consideration and questions about the competition, should be sent to Timothy Brennan, c/o George Washington University, 515 22nd Street, NW, Room 401, Washington, DC 20037.

NON-ACADEMICALLY AFFILIATED PHILOSOPHER ROCKEFELLER PRIZE AWARDED

The 1987 Rockefeller Prize for the Best Unpublished Work in Philosophy by a Non-Academically Affiliated Philosopher has been won by Richard Brockhaus for "Realism and Psychologism in 19th Century Logic." The Committee did not award an honorable mention this year.



COMMITTEE ON LECTURES, PUBLICATION AND RESEARCH

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Dr. Ronald Hoeflin
 P. O. Box 7430
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Dear Dr. Hoeflin:

I am pleased to inform you that your essay, "Theories of Truth: A Comprehensive Synthesis," has won the Fifth Annual Competition for the Best Unpublished Work in Philosophy by a Non-Academically Affiliated Philosopher.

The Selection Committee congratulates you and wishes you continued success in your philosophical work.

Sincerely yours,

Norman E. Bowie
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How Colleges Handle S.A.T.

Is it advantageous for a college applicant to take the Scholastic Aptitude Test more than once?

The question was asked of 3,000 admissions officers by the College Board, which administers the S.A.T. Here are the replies from 325 public institutions and 694 private colleges:

¶Eight percent of the public colleges and 6 percent of the private institutions consider only a student's most recent S.A.T. scores.

¶Thirty-nine percent of the public colleges and 14 percent of the private colleges accept a student's highest combination of verbal and mathematics scores taken on a single day.

¶Thirty-four percent of the public colleges and 50 percent of the private colleges accept the highest math score and the highest verbal score, even from different dates.

¶One percent of the colleges in each group averages all of a student's scores.

Most students take the test once or twice over the course of the junior and senior years in high school.