

High School Test Series UU - SAC Answer Key

(1) 9878	(28) 7	(55) 1
(2) 1939	(29) 12	(56) 26
(3) 319	* (30) An integer between 60,648 - 67,032 inclusive	(57) $\sqrt{11}$
(4) 3500	(31) 0	(58) 6
(5) $33 \frac{4}{9}$	(32) $29/99$	(59) 21
(6) 280	(33) $2/3$	* (60) An integer between 813 - 899 inclusive
(7) .135	(34) 42	(61) 100
(8) 1024	(35) 2	(62) $\sqrt{3}/2$
(9) $56/5$ or $11 \frac{1}{5}$ or 11.2	(36) 102	(63) 90
* (10) An integer between 56,904 - 62,894 inclusive	(37) $4\sqrt{5}$	(64) $7/36$
(11) 26	(38) 65	(65) 7 44
(12) $3/4$	(39) -3	(66) $5\sqrt{3}$
(13) 792	* (40) An integer between 13,254 - 14,650 inc.	(67) $4/3$ or $1 \frac{1}{3}$
(14) 0	(41) 4	(68) -9
(15) $9/125$	(42) 10	(69) 3
(16) 45	(43) $2/3$	* (70) An integer between 16 - 18 inclusive
(17) 884	(44) $4/9$	(71) 5
(18) 13	(45) $\sqrt{2}$	(72) 28
(19) $5/9$	(46) 27	(73) $\sqrt{15}$
* (20) An integer between 194 - 216 inc.	(47) 34	(74) 4
(21) 2	(48) 4	(75) 4
(22) 120	(49) 2	(76) 5256
(23) 153	* (50) An integer between 36,099,963 - 39,899,961 inc.	(77) $156 \frac{4}{25}$ or $3904/25$ or 156.16
(24) 11	(51) -5	(78) 5
(25) 2	(52) $9/2$ or $4 \frac{1}{2}$ or 4.5	(79) $\sqrt{14}/2$
243	(53) -8	* (80) An integer between 583,923 - 645,389 inc.
	(54) $1/12$	

Answer Key—Number 5263
Sense Test UU-A

1. 22
2. 208
3. 1140
4. 15
5. 730
6. 524
7. 7949
8. 17.12 or 17.5
9. 335 or 6 3/5 or 6.6
- *10. An integer between 24168-25712 inclusive
11. 224
12. 24
13. 3
14. 200
15. 1410
16. 252
17. 2704
18. 588
19. 18
- *20. An integer between 190-210 inclusive
21. -1/72
22. 72.425 or 1804/25 or 72.16
23. 7/15
24. 3
25. 4551
26. 33.80
27. 6
28. 1974
29. 35
- *30. An integer between 2735-3045 inclusive
31. 3
32. 18
33. 4
34. 1
35. 6
36. 120
37. 19
38. 1128
39. 4
- *40. An integer between 1901862-2102058 incl.
41. 48
42. 4
43. 4
44. 8
45. 19
46. 18
47. 5
48. 5
49. 2
- *50. An integer between 344284-369998 incl.
51. $\sqrt{3}$
52. 30
53. 167 or 2/7
54. 1/2 or 1.12 or 1.5 or 2.2
55. 3040
56. 34
57. 31
58. 3162
59. 12
- *60. An integer between 265848-293894 incl.
61. -2
62. 6
63. 9
64. 41
65. -2
66. 27
67. $\sqrt{35}$
68. 4
69. 25
- *70. An integer between 60762-67185 inclusive
71. 67 1/2 or 67.5
72. 125
73. 3/2 or 1 1/2 or 1.5
74. 1
75. 79
76. 28
77. 18
78. 2/3
79. 640
- *80. An integer between 637-6993 inclusive

Answer Key—Number 5263
Sense Test UU-B

1. 22
2. 46
3. 46
4. 48/13 or 2 14/13
5. 302
6. 352
7. 2349
8. 2116
9. 260
- *10. An integer between 4769-5271 inclusive
11. 444
12. 5/13
13. 39
14. 1296
15. CCI
16. 80
17. 9312
18. \$21.60
19. 3/10
- *20. An integer between 190-210 inclusive
21. 21 1/9 or 190/9
22. 36
23. 4/33
24. 396
25. 6
26. 4030
27. 10
28. 1110
29. 25553
- *30. An integer between 2337-2583 inclusive
31. 2
32. $\sqrt{21}$
33. 34
34. 9
35. 65
36. 2/9
37. 12
38. -20
39. 65
- *40. An integer between 247-273 inclusive
41. 10
42. 21.6
43. 1/4 or .25
44. 4
45. 18.50
46. $2\sqrt{2}$
47. 9
48. 720
49. 5
- *50. An integer between 193800-214280 inclusive
51. 25
52. 10
53. 6
54. 1
55. 83
56. 1
57. 0
58. 49
59. 1
- *60. An integer between 856-945 inclusive
61. 27
62. -30
63. 46
64. $6\sqrt{6}$
65. 23
66. -3
67. 7/9
68. 1800
69. 1/13
- *70. An integer between 42582-47064 inclusive
71. 6
72. 3.280
73. 0
74. 8125
75. 7
76. 4
77. $\sqrt{20}$
78. 664
79. 7/3 or 2 1/3
- *80. An integer between 7388-8164 inclusive

Answer Key—Number 5263
Sense Test UU-C

1. 2838
2. 67
3. 2075
4. 58 2/9
5. 875
6. 36
7. 2016
8. 225
9. 1032
- *10. An integer between 282914-312694 inclusive
11. 12.25 or 12 1/4 or 49/4
12. 15
13. 1/6
14. 120
15. \$150.00
16. 7 1/2 or 7.5
17. 153
18. 6
19. 360
- *20. An integer between 1056-1166 inclusive
21. 30 3/16 or 483/16 or 30.1875
22. 46
23. 3
24. 6
25. 16
26. 4/5
27. 2304
28. 2
29. 142
- *30. An integer between 228-252 inclusive
31. 12299
32. 100001
33. 41
34. 20
35. 1
36. -6
37. 216
38. 49/4 or 12 1/4 or 12.25
39. 5/33
- *40. An integer between 10474-11576 inclusive
41. 20
42. 25
43. 4
44. 64
45. 3/2 or 1.5 or 1 1/2
46. \$94.50
47. 2
48. 2
49. 7
- *50. An integer between 5232-5768 inclusive
51. 24
52. 20
53. 10
54. 27
55. 3/26
56. 60
57. 12
58. 18
59. 7
- *60. An integer between 184757-204215 inclusive
61. 24
62. 60/13 or 4 8/13
63. 3/26
64. 3
65. 48
66. 1/2 or .5
67. 954
68. 1/8
69. 225
- *70. An integer between 48-52 inclusive
71. 49
72. 0
73. 1760
74. 27
75. 46
76. 2/3
77. $(x-1)/4$ or $x/4 - 1/4$
78. 22
79. 6
- *80. An integer between 5157138-5699994 inclusive

Answer Key—Number 5263
Sense Test UU-D

1. 2068
2. 473
3. 0625
4. 3024
5. 102 1/3
6. 5050
7. 532
8. 1648
9. 12 1/2 or 12.5
- *10. An integer between 418-462 inclusive
11. 32
12. 160
13. 163
14. 60
15. 11
16. 104
17. 3/28
18. \$2.40
19. 615
- *20. An integer between 5819-6451906 inclusive
21. 6
22. 2
23. 35 1/6 or 561/16
24. 42
25. -12
26. 332
27. 1
28. 104
29. 224
- *30. An integer between 26302-31280 inclusive
31. 111011
32. 15
33. -9
34. 15
35. 220
36. 27
37. 72
38. 12
39. 0
- *40. An integer between 3423-3780 inclusive
41. 3.9
42. 12
43. -2
44. 9 1/10
45. 81
46. 3
47. 39
48. -2-2i
49. 9
- *50. An integer between 252000-268000 inclusive
51. 20
52. 168
53. 225
54. 960
55. 3
56. 154
57. 243
58. 2
59. 3
- *60. An integer between 6242851-6899993 inclusive
61. 120
62. 2
63. 20
64. 3
65. 48
66. 3
67. 580
68. 6
69. 1/9
- *70. An integer between 40850-45150 inclusive
71. 1
72. 0
73. 7
74. 3
75. -3
76. 30
77. $24x^2 + 2$
78. 32
79. 2594 or 63 3/4
- *80. An integer between 758-837 inclusive

Answer Key - Number 1-70
Sense Test UU-1

1. 219
2. 429
3. 780
4. 2625
5. 680
6. 77 8/9
7. 1305
8. 1596
9. 2809
- *10. An integer between 30609-33831 inclusive
11. 3362
12. 43/3 or 14 1/3
13. 22 1/2 or 22.5
14. 6 1/4 or 6.25
15. 3
16. 480
17. 45
18. 42 1/3
19. CDLI
- *20. An integer between 142-156 inclusive
21. \$5.04
22. 18 1/25 or 451/25
23. 9/33
24. -4
25. 2862
26. 83
27. 4
28. 3 1/2 or 3.5 or 7/2
29. 8
- *30. An integer between 325784-360076 inclusive
31. 8/2 or 4 1/2 or 4.5
32. 6
33. 2
34. 2/3
35. -98
36. 3
37. 3
38. 56 2/9 or 506/9
39. 10
- *40. An integer between 45506-50296 inclusive
41. $9\sqrt{3}$
42. 3
43. 4.285
44. -2
45. 5
46. -34
47. 6
48. $3\sqrt{2}$
49. 7
- *50. An integer between 511-618 inclusive
51. 20
52. 380
53. 7
54. 25
55. 2/3
56. 4/13
57. 40
58. 8
59. 12
- *60. An integer between 877345-969697 inclusive
61. 2
62. 2
63. 24
64. 4950
65. $2\pi/3$
66. 90
67. 44
68. 178
69. 144
- *70. An integer between 5835709-6449993 inclusive
71. 3
72. 46
73. .88
74. $2\sqrt{2}$
75. 144
76. 4
77. 18
78. $(x+1)/2$ or $x/2 + 1/2$
79. $26/3$ or $8 2/3$
- *80. An integer between 87603-96823 inclusive

Answer Key - Number 1-70
Sense Test UU-2

1. 8511
2. 539
3. 279 17.5%
4. 3596
5. 66 8/9
6. 2916
7. 338
8. 50
9. 13/10 or 1.3 or 13/10
- *10. An integer between 7391-8169 inclusive
11. 39
12. 47
13. 14
14. 150
15. 276
16. 290
17. 3
18. 690
19. 37
- *20. An integer between 161-177 inclusive
21. 1890
22. 28
23. 4/11
24. 59 1/9 or 532/9
25. \$22.75
26. -1/4 or -.25
27. 108
28. 3
29. 63
- *30. An integer between 41364-45718 inclusive
31. -5/9
32. 4/3 or 1 1/3
33. 26
34. 91
35. 5
36. 6
37. 4
38. 18
39. 12 3/16 or 195/16
- *40. An integer between 257-283 inclusive
41. 3/2 or 1.5 or 1 1/2
42. 3
43. 2
44. 12
45. 5
46. 5
47. $5\sqrt{2}$
48. 7
49. 9/2 or 4 1/2 or 4.5
- *50. An integer between 25336-28228 inclusive
51. 20
52. 380
53. 7
54. 25
55. 2/3
56. 4/13
57. 40
58. 8
59. 12
- *60. An integer between 2684473-2967049 inclusive
61. 60
62. 12
63. 180
64. 1224
65. 1/3
66. 3
67. 2/3
68. 6
69. 1760
- *70. An integer between 4478567-4949995 inclusive
71. 0
72. 37
73. 24
74. $2\sqrt{2}$
75. 1/3
76. 8
77. 6
78. $x-1$
79. 64
- *80. An integer between 50662-55994 inclusive

Answer Key - Number 1-70
Context UU-3

1. 10879
2. 2
3. 80
4. 9/40
5. 6150
6. 67 8/9
7. 1521
8. 4125
9. 1/2 or .5
- *10. An integer between 11590-12810 inclusive
11. 8/9
12. 324
13. 3000
14. 540
15. 156
16. 10800
17. 112
18. 24
19. \$1500.00
- *20. An integer between 767791-848611 inclusive
21. .03552
22. 6
23. 64
24. 12/7 or 1 5/7
25. 5/8 or .625
26. 2021
27. 26
28. 3/10 or .3
29. 3
- *30. An integer between 205143-226737 inclusive
31. 12
32. 21
33. 136
34. 56
35. 11
36. 223
37. 1116
38. 0
39. 6/5 or 1 1/5 or 1.2
- *40. An integer between 257-282 inclusive
41. 57
42. $2\sqrt{3}$
43. 4
44. 20
45. 34
46. 1320
47. 3663
48. 121
49. 1
- *50. An integer between 175-192 inclusive
51. 180
52. 6
53. 4
54. 5
55. 54
56. 3
57. 24
58. 214 or 214 or 3.23
59. 13 or 1 3/10 or 13/10
- *60. An integer between 6921423-7649992 inclusive
61. 2425
62. 4
63. 4
64. -10
65. 0
66. 3
67. 40
68. 5
69. 2/3
- *70. An integer between 1595636-1763596 inclusive
71. $-2\sqrt{2}$
72. 68
73. -1
74. 5/8
75. -3
76. 2
77. 9
78. 12
79. 2/3
- *80. An integer between 166762-184314 inclusive

Answer Key - Number 1-70
Context UU-4

1. 119
2. 157000
3. 1/12
4. 3/16
5. 300
6. 245
7. 69 2/3
8. 1324
9. 61
- *10. An integer between 6897-7829 inclusive
11. 7/2 or 3 1/2 or 3.5
12. 11/12
13. 2/9
14. 340
15. 126
16. 1200
17. \$240.00
18. 74 1/6 or 445/6
19. 87
- *20. An integer between 514-568 inclusive
21. 36
22. 56 4/25 or 1404/25
23. 30
24. 1001
25. 2304
26. 32.20
27. 5438
28. 107833
29. -4
- *30. An integer between 70384-77792 inclusive
31. 1/4 or .25 or 1/4
32. 25
33. 2
34. 7/8
35. $2\sqrt{6}$
36. 12/7
37. 4
38. 217
39. 3
- *40. An integer between 1194-1318 inclusive
41. 144
42. 3/2 or 1 1/2 or 1.5
43. $\sqrt{2}$
44. 5
45. -2
46. -8
47. 3
48. 25
49. 12
- *50. An integer between 599999-625000 inclusive
51. 3
52. 15
53. 4
54. 14 or 14
55. 2
56. 9
57. 15
58. 3/2 or 1.5 or 1 1/2
59. 369
- *60. An integer between 9068-10021 inclusive
61. $\sqrt{5}$
62. 12
63. $3\sqrt{15}$
64. 10
65. 8/15
66. $\sqrt{10}$
67. 2/3
68. -4
69. 7
- *70. An integer between 31294-34588 inclusive
71. 3
72. 1736
73. 3
74. 3
75. 1/2 or .5
76. $-4(2x+1)$ or $8x+4$
77. 3/2 or 1 1/2 or 1.5
78. 2/3
79. 25
- *80. An integer between 17223-180377 inclusive