

## Speed Math Answers - 2013 Mu Alpha Theta National Convention

1. 3,628,800
2.  $7/36$
3. 12,600
4. 530
5. 0
6. 20
7. 10,000
8. -2,200
9.  $26\sqrt{13}$
10. 517
11. -99
12. 86,400
13. 64
14. 30,240 (seconds)
15.  $-5\sqrt{2}$
16.  $1/16$
17. 0.0511
18.  $49\pi$
19. 370,000 (dollars)
20. 3
21. 42
22. 10,626
23. 32
24.  $90/11$  hours

25. 7/16

26. 1

27. 77/11100

28. 390,625

29. 4

30. -1

31. 7

32. 10,400

33. 2

34. 71

35. 60

36. 8128

37.  $2^5 \cdot 3^4 \cdot 5^2$

38. 0

39. 516

40. 20 (mL)

41. -10

42. 21

43. 51

44. 2 (asymptotes)

45.  $-\frac{6+3\sqrt{14}}{10}$

46. 4/9

47. 45

48. 17, -17, 17/2, -17/2, -1, 1 (must have all of these)

49. \$24.80

50.  $133_7$

51. 0.86

52.  $98\pi$

53.  $144\pi$

54.  $-3i$

55. 29,937,600

56. (4, 0)

57.  $55/9$

58. Point C

59. 120

60. 63

61. 7

62. 7 units

63.  $5/12$

64. 4913

65. 53

66. 1,000,000

67. 4

68. 504

69. 10

70. 2

71. 25

72. 125

73. 18,150

74. 2,000 (seconds)

75. \$1.70

76. 525,600

77.  $2e^{2x}$

78. 1

79. 54

80. 8