

MATHCOUNTS®

2026 STATE COMPETITION Answer Key

The appropriate units (or their abbreviations) are provided in the answer blanks.

Note to coordinators: Answers to the Tiebreaker Round problems appear in the Tiebreaker Round Booklet.

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Sprint Round

1. 500 plots

2. 14 clubs

3. 28

4. 50 candies

5. 4

6. 9

7. 2.75 mi

8. 25.6 oz

9. 21.8

10. 10 integers

11. 2

12. 16

13. 9

14. 8 integers

15. 290 ft²

Sprint Round

16. $\underline{807}$

17. $\underline{\frac{287}{400}}$

18. $\underline{3}$

19. $\underline{38\%}$

20. $\underline{90,720 \text{ arrangements}}$

21. $\underline{\frac{2}{45}}$

22. $\underline{114 \text{ integers}}$

23. $\underline{48 \text{ intersections}}$

24. $\underline{30}$

25. $\underline{504 \text{ combinations}}$

26. $\underline{8\sqrt{2} \text{ in}^2}$

27. $\underline{27}$

28. $\underline{284}$

29. $\underline{\frac{142}{289}}$

30. $\underline{\frac{2}{9}}$

Target Round

1. $\underline{95.4}$ mi

3. $\underline{65}$

5. $\underline{37}$

7. $\underline{2646}$ ft²

2. $\underline{48}$

4. $\frac{11}{\underline{1890}}$

6. $\underline{42}$ sides

8. $\frac{483}{\underline{160}}$ times

Team Round

1. 455

2. 6 degrees

3. 8604

4. 4.7

5. $\frac{4}{7}$

6. -32

7. 75 divisors

8. 44.2

9. $\frac{1817}{16}$

10. 542 ordered
pairs

Countdown Round

1. 120 (degrees)

2. 5

3. 343

4. 4 (integers)

5. 7

6. 45

7. 14

8. 5 (packs)

9. 12 (cm)

10. 388 (integers)

11. 4 (multiples)

12. 2026 (lines)

13. $\frac{2}{9}$

14. 480 (ways)

15. 2602

16. 8 (feet)

17. $\frac{1}{2}$

18. 0

19. 9 (ordered pairs)

20. 21

21. $\frac{1}{2}$ (miles)

22. 104

23. 3 (integers)

24. 5

25. 120 (minutes)

26. 10

27. 8

28. 18 (coins)

29. 29

30. 88

31. $\frac{2}{3}$

32. 36

33. 16

34. 170

35. $\frac{1}{2}$

36. 135 (permutations)

37. 14

38. 10 (ways)

39. 216

40. 3

Countdown Round

41. 12 (ways)

42. 9

43. $\frac{1}{11}$

44. 16

45. 15

46. $\frac{4}{4}$

47. $\frac{4}{3}$

48. 165

49. 120

50. 35 (ways)

51. 3

52. 32

53. 5 (permutations)

54. 49 (years old)

55. 300

56. 4 (integers)

57. 2

58. 5 (desserts)

59. $9\sqrt{2}$ (m³)

60. 4 (integers)

61. 43 (people)

62. 19 (days)

63. $\frac{8}{5}$ (cubes)

64. $\frac{5}{8}$

65. 56

66. -180

67. 76 (degrees)

68. 2

69. 3 (combinations)

70. 204

71. $\frac{2}{3}$

72. $\frac{7}{20}$

73. 36

74. -1013

75. 4

76. 120

77. 59

78. 48 (arrangements)

79. 36

80. 3

