
MATHCOUNTS®

2020
■ Chapter 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. 270 minutes

2. 15 apples

3. 36

4. 35 mi/h

5. 48 cm

6. 8 furlongs

7. 103 degrees

8. 32

9. 4 sides

10. \$ 2 or 2.00

11. 70

12. 72 cm²

13. 288 meters

14. 48 units²

15. 60

Sprint Round

16. 10 in²

17. 5 numbers

18. 40 laps

19. 4 values

20. $3\frac{1}{2}$

21. 59,172

22. 7

23. 20 lines

24. -1

25. 1800 marbles

26. 900 prisms

27. $\frac{13}{21}$

28. 8

29. (2 , 7)

30. $\frac{9}{14}$

Target Round

1. $\frac{3}{\text{candy bars}}$

3. $\frac{-6}{\text{ }}$

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

7. $\frac{74}{\text{m}^2}$

2. $\frac{29}{\text{units}^2}$

4. $\frac{\$8.23}{\text{ }}$

6. $\frac{100}{13 \text{ cm}^2}$

8. $\frac{20}{\text{percent}}$

Team Round

1. \$27.53

2. 29

3. 106,260 times

4. 165 years

5. $\frac{10}{69}$

6. 36 sequences

7. 380

8. 3 lengths

9. 0.002

10. 84 units²

Countdown Round

1. 72 (%)

2. 720 (minutes)

3. 15

4. 1

5. 60 (weeks)

6. 36 (cm)

7. 30 (minutes)

8. $\frac{9}{14}$

9. 3

10. 23 (feet)

11. 4.4

12. Tuesday

13. 24 (blue marbles)

14. 12 (units²)

15. 132

16. 64 (members)

17. 600 (cm²)

18. 150

19. 13

20. 36 (costumes)

21. 4 (dollars)

22. 7 (posts)

23. 1.24

24. 24 (integers)

25. 2016

26. 18 (ft²)

27. 40 (dollars)

28. 75 (inches)

29. 90 (marbles)

30. 111 (points)

31. 75

32. 7.8

33. 140 (miles)

34. 1

35. 80 (dollars)

36. 810

37. 0

38. 8

39. 200 (minutes)

40. $\frac{7}{9}$

Countdown Round

41. 5 (dollars)

42. 56 (mi/h)

43. 25 (%)

44. -13

45. 21 (in²)

46. $\frac{1}{5}$

47. 6 (albums)

48. 54

49. 90 (degrees)

50. 15

51. 54 (cm²)

52. 11,325 (feet)

53. 16

54. 15 (inches)

55. $\frac{1}{3}$

56. $\frac{5}{12}$

57. 10 (units)

58. 0

59. 14

60. 540 (pages)

61. 7.5 (ounces)

62. 110

63. 36

64. $\frac{1}{4}$

65. -12

66. 6

67. (\$)² 2.46

68. 5

69. 54 (eggs)

70. 10 (units²)

71. $\frac{1}{4}$

72. 9

73. 93

74. 4

75. 900

76. 10

77. 41

78. 1 (zeros)

79. 1

80. (\$)² 4.52