
MATHCOUNTS®

2019
■ 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. 16

6. 48 apples

11. $\frac{5}{6}$

2. 3

7. 5 nickels

12. 8

3. 112233

8. 128 heart-beats

13. 6 triangles

4. 28

9. 5

14. 10 mi/h

5. 21 people

10. 120

15. 1 zeros

Sprint Round

16. 150 mi/h

17. -9

18. 6

19. 13

20. 38 km/h

21. 590

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

23. 5

24. $\frac{3}{16}$

25. $\frac{33}{2}$ cm

26. 132 ways

27. 40 mi/h

28. 29

29. $\frac{2}{75}$

30. 47

Target Round

1. \$ 1.20

3. 10 points

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

7. 92 paths

2. 17

4. 64 degrees

6. 78

8. $\frac{1}{180}$

Team Round

1. $\underline{33}$ inches

2. $\underline{25}$

3. $\underline{\frac{1}{4}}$

4. $\underline{112\pi}$ units²

5. $\underline{\frac{33}{40}}$

6. $\underline{326}$

7. $\underline{\frac{68}{105}}$

8. $\underline{0.32}$

9. $\underline{12}$ ways

10. $\underline{\frac{2}{5}}$