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# MATHCOUNTS®

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**2020**  
**■ Chapter Competition ■**  
**Answer Key**

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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 cm<sup>2</sup>

13. 288 meters

14. 48 units<sup>2</sup>

15. 60

## Sprint Round

16. 10 in<sup>2</sup>

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 units<sup>2</sup>