



April 6, 2019

■ RIT Competition ■
Answer Key

GRADER'S EYES ONLY



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Optional units are indicated in parentheses. Standard abbreviations have been used for units of measure. Complete words or symbols are also acceptable. Square units/cube units may also be expressed as units² or units³.

Sprint Round Answers

1. 400,000	11. 32 (in)	21. 49
2. 0.3	12. (\$) 7.50	22. $\frac{1}{5}$
3. 20 (%)	13. $\frac{4}{25}$	23. 9
4. 108 (sec)	14. 9	24. 24 (sq units)
5. (6, 3)	15. 108	25. 2
6. 150 (%)	16. -4	26. 33 (lb)
7. 110	17. 54 (sq cm)	27. 53 (in)
8. 5	18. $-\frac{3}{2}$	28. 49π (sq cm)
9. 75 (%)	19. 12 (cm)	29. $\frac{11}{13}$
10. 15	20. -4	30. 2

Target Round Answers

1. (\$) 187.50

2. (\$) 59.50

3. 10

4. 25π (sq cm)

5. 8 (mph)

6. 290

7. 616 (sq m)

8. 126 (degrees)