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$$A = \pi R^2$$

$$D = \frac{M}{V}$$

$$V = LWH$$

$$C = 2\pi R$$

$$A = L \cdot W$$

# **MATH COMPETITION**

FOR DEAF AND HARD-OF-HEARING STUDENTS

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**April 6, 2013**

**■ RIT Competition ■**

**Answer Key**

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**GRADER'S EYES ONLY**

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$A = \pi R^2$        $D = \frac{M}{V}$        $V = LWH$        $C = 2\pi R$        $A = L \cdot W$

# MATH COMPETITION

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### Answer Key

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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 units<sup>2</sup> or units<sup>3</sup>.

#### Sprint Round Answers

1. 0.213	11. 6	21. 20 (%)
2. 144	12. 16	22. 19
3. (\$) 6000	13. 54 (sq. in)	23. 20 (degrees)
4. 6	14. 4	24. $16\pi$ (sq. cm)
5. (\$) 640	15. 0.5	25. 10
6. 90	16. 121	26. $\frac{4}{5}$ (gallons)
7. 4	17. Saturday or Sat	27. 6
8. 24	18. $\frac{7}{12}$	28. 92
9. 84	19. $-\frac{8}{3}$	29. 28
10. 2	20. 1251	30. $\frac{11}{36}$

## Target Round Answers

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1.  $\frac{2}{21}$

2. 18 (feet)

3. (\$) 1,800

4. 26

5. (\$) 75

6. 179 (degrees)

7. 6

8. 121 (sq. in)