

**2005 CLEARVIEW, OH, REGIONAL FERMI QUESTIONS RESPONSE SHEET**

Names: \_\_\_\_\_ & \_\_\_\_\_

**WRITE YOUR ANSWERS \*\*\* EXPONENTS ONLY \*\*\* TO THE RIGHT OF THE APPROPRIATE QUESTION NUMBER ON THIS SHEET. CALCULATORS, SLIDE RULES, CRIB SHEETS, ETC. ARE NOT ALLOWED!!** If any one of these items is used during the event, the team will be disqualified.

Example 1: How many seconds are there in one year?  $3.2 \cdot 10^7 \sim 1 \cdot 10^7$  Answer: 7

Example 2: How many kilometers are in a millimeter?  $1 \cdot 10^{-6}$  Answer: -6

- |           |           |           |
|-----------|-----------|-----------|
| 1. _____  | 13. _____ | 25. _____ |
| 2. _____  | 14. _____ | 26. _____ |
| 3. _____  | 15. _____ | 27. _____ |
| 4. _____  | 16. _____ | 28. _____ |
| 5. _____  | 17. _____ | 29. _____ |
| 6. _____  | 18. _____ | 30. _____ |
| 7. _____  | 19. _____ | 31. _____ |
| 8. _____  | 20. _____ | 32. _____ |
| 9. _____  | 21. _____ | 33. _____ |
| 10. _____ | 22. _____ | 34. _____ |
| 11. _____ | 23. _____ | 35. _____ |
| 12. _____ | 24. _____ | 36. _____ |

DO NOT WRITE BELOW THIS LINE

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Score \_\_\_\_\_ Number Correct \_\_\_\_\_

Time Handed Answer Sheet In \_\_\_\_\_ Lapsed Time