

FAMAT State Convention 2004

Answers to “A Piece of Pi-E: The History of pi and  $e$ ”

1. a) Napier
2. c) Lindemann
3. d) Switzerland
4. d) Emily Dickinson alludes to the phenomena of pi in her poem, “The Bobolink at Dusk”
5. a) Vega
6. b) Seki Kowa
7. a) Madhava
8. a) Pi
9. c) The Old Testament
10. d) Chinese
11. e) Nota (Ptolemy)
12. d) 1748
13. c) Transcendental numbers
14. a) The Buffon Needle Problem
15. c) Bernoulli
16. a) Ramanujan
17. c) Feigenbaum Number
18. b) Archimedes
19. c) Goldbach
20. a) Hermite
21. c) 13
22. c) Introductio in Analysin infinitorum
23. e) Nota
24. b) March
25. d) Shanks
26. a) Ferguson
27. c) al-Khwarizmi
28. c)  $(16/9)^2$
29. b) 8
30. e) Nota