

Geometry Hustle Solutions

MAO National Convention 2014

1. $32\pi/3$
2. 330
3. $2\sqrt{3}$
4. 6.5 or $13/2$
5. $9\sqrt{123}/2$ or $4.5\sqrt{123}$
6. No
7. $25\pi/18$
8. $40\sqrt{3}$
9. 4
10. 8112392
11. Yes
12. $250\sqrt{3}/3$
13. 2
14. $s/4$
15. 189
16. 36
17. 64
18. 200
19. 32
20. $\sqrt[3]{36\pi}/6$
21. 12
22. $25\pi\sqrt{5}$
23. $2011\sqrt{3}$
24. $500000\pi/3$
25. 62