

Caltech Harvey Mudd
Mathematics Competition

Individual Answers

November 13, 2010

1. $\frac{217}{729}$
2. 24
3. 9792
4. 1001
5. $\pi/4$
6. 30
7. $34/63$
8. 89
9. $\frac{\sqrt{2}+1}{\sqrt{2}-1}$
10. 32
11. $\frac{3}{26}$
12. 112
13. $\sqrt{14}/4$
14. $\frac{4}{3}$
15. 1957/2011