

2009 Team Session

Answers

1. 795
2. 1848
3. $0 < m \leq \frac{1}{4}$
4. $0 < a < \frac{1}{3}$ or $1 < a < 5$
5. (41, 1476) or (164, 1025)
or (369, 656)
6. 180°
7. $\pi/3$
8. $\arctan p - \arctan r$
9. 6
10. 2
11. 31