

TEAM ROUND ANSWERS

1. 397
2. -128
3. 1680
4. $\frac{25}{7}$
5. 2^{n-1}
6. 144
7. 6125
8. $12\sqrt{2}$
9. 5
10. $\sqrt{21} + \sqrt{6}$

INDIVIDUAL ROUND ANSWERS

1. 19
2. $\frac{2}{n}$
3. 9 points
4. $-x$
5. 20
6. 26
7. 1240
8. 13
9. 9
10. $\frac{20}{3}$

RELAY ROUND ANSWERS

- 1A. 30°
- 1B. 198
- 1C. 150
- 2A. $6\sqrt{3} - 2\pi$
- 2B. $\frac{6}{11}$
- 2C. $\frac{17}{47}$

DEVIL ROUND ANSWERS

1. 4,5,6
2. 2
3. $\sqrt{3}$
4. $\frac{2009^2}{n}$
5. 4200
6. $(n-1)2^n + 1$
7. 6
8. 4389
9. $\frac{19}{25}$
10. 6
11. $(-1, 1 - \frac{\pi}{4}), (-1, 1 - \frac{3\pi}{4})$
12. 269
13. 2^{78}

TIEBREAKER ROUND ANSWERS

1. 60
2. 18
3. 2