

Answers to Team Problems

1. 8

2. $\frac{\sqrt{3}}{3}$

3. $\sqrt{3}\pi\frac{50}{9}$

4. $2000\pi\frac{3\sqrt{3}-4}{3}$

5. $\frac{3}{4}$

6. $1 + \sqrt{7}$

7. 8 and -3

8. $\frac{\sqrt{3}}{2}$

9. 32

10. 45

11. $\frac{4}{\sqrt{13}}$

12. 2^{30}

13. 8855