

Percentages next to the number of the problem represent the percentage correct among the 26 participating teams.

1. \_\_\_\_\_ 13 \_\_\_\_\_ (23%)

6. \_\_\_\_\_ 38 \_\_\_\_\_ (69%)

2. \_\_\_\_\_ 66 \_\_\_\_\_ (42%)

7. \_\_\_\_\_  $\frac{1}{n}$  \_\_\_\_\_ (0%)

3. \_\_\_\_\_  $\left(\frac{2\pi}{3} - \frac{\sqrt{3}}{2}\right)r^2 = \frac{4\pi - 3\sqrt{3}}{6}r^2$  \_\_\_\_\_ (19%)

8. \_\_\_\_\_ 1985 \_\_\_\_\_ (12%)

4. \_\_\_\_\_  $\frac{\theta + \phi}{2}$  \_\_\_\_\_ (19%)

9. \_\_\_\_\_  $\frac{57}{125}$  \_\_\_\_\_ (12%)

5. \_\_\_\_\_  $\binom{10}{5} = 252$  \_\_\_\_\_ (15%)

10. \_\_\_\_\_ 22 \_\_\_\_\_ (35%)