

SCHOOL Answers - TEAM

WORCESTER POLYTECHNIC INSTITUTE

TWELFTH ANNUAL INVITATIONAL MATH MEET
 OCTOBER 21, 1999
 TEAM EXAM ANSWER SHEET

QUESTION	ANSWER	SCORE	QUESTION	ANSWER	SCORE
1	$(1, 0)$		8	177	
2	$\frac{\pi}{6} - \sqrt{2 - \sqrt{3}}$		9	18	
3	$\begin{pmatrix} 0 & -1 \\ 1 & 0 \end{pmatrix}$		10	$\frac{\pi}{4}$	
4	$-1, -\frac{1}{5}$ (either order)		11	$(15, 9)$	
5	1010101.010101		12	$4^{1/3}$ or $\sqrt[3]{4}$	
6	6		13	$(2-p) \sum_{k=2}^{\infty} p^k (1-p)^{k-2}$	
7	3:5		14	$\sqrt{3}$	

Team Total

# CORRECT $\times 3 =$	
Individual Totals	