

SCHOOL Answer Key

WORCESTER POLYTECHNIC INSTITUTE

SIXTEENTH ANNUAL INVITATIONAL MATH MEET
 OCTOBER 23, 2003
 TEAM EXAM ANSWER SHEET

QUESTION	ANSWER	SCORE	QUESTION	ANSWER	SCORE
1	35		8	1	
2	$\pi/156$		9	$5\pi/8$ or $\frac{5\pi}{4}$	
3	$b(1 - a^n)/(1 - a)$		10	$180\pi/\sqrt{2}$	
4	588		11	15,650	
5	$v = 2w$		12	203	
6	$a^5 + b^5$		13	43.56π or $\pi(6.6)^2$	
7	$(2, 0)$ or $x = 2, y = 0$		14	1 : 1	

Team Total

# CORRECT $\times 3 =$	
Individual Totals	