

SCHOOL

Answer Key

WORCESTER POLYTECHNIC INSTITUTE

SEVENTEENTH ANNUAL INVITATIONAL MATH MEET

OCTOBER 20, 2004

TEAM EXAM ANSWER SHEET

QUESTION	ANSWER	SCORE	QUESTION	ANSWER	SCORE
1	$\boxed{4}$		8	$\boxed{C = B^2/4A}$	
2	$\boxed{7/9}$		9	$\boxed{28 \text{ or } 496 \text{ or } 8128}$	
3	$\boxed{\frac{227}{258}}$		10	$\boxed{2\pi/3}$	
4	$\boxed{270\pi}$		11	\boxed{d}	
5	$\boxed{(4 - \sqrt{2}, 4 - \sqrt{2})}$		12	$\boxed{\sqrt{164} \text{ so } 13}$	
6	$\boxed{a_n = -2^n + 2 * 3^n}$		13	$\boxed{11/20}$	
7	$\boxed{\frac{n(n+1)(n+2)}{3}}$		14	$\boxed{(23/5, -11/5)}$	

Team Total

# CORRECT × 3 =	
Individual Totals	