

NAME \_\_\_\_\_

SCHOOL \_\_\_\_\_

**WORCESTER POLYTECHNIC INSTITUTE**

NINETEENTH ANNUAL INVITATIONAL MATH MEET

OCTOBER 18, 2006

INDIVIDUAL EXAM ANSWER SHEET

QUESTION	ANSWER	SCORE	QUESTION	ANSWER	SCORE
1	$m = -\sqrt{3}$		5	13/729	
2	$\frac{3}{4}$		6	$R = 4$	
3	25/4		7	44133 or 141(313)	
4	9/16		8	$(x+2)^2(x-5)(x-7)$	
# CORRECT $\times 1 =$			# CORRECT $\times 2 =$		

QUESTION	ANSWER	SCORE
9	$(2, -4\sqrt{2})$	
10	63 and 65	
11	106483 is not prime	
# CORRECT $\times 3 =$		

**Individual Total**