

2001 Mount Rainier Math Invitational
Sixth Grade
Individual Test Answers

KEY

Name: _____

School: _____

Table #: _____

Team: _____

Questions 1-20 are worth 2 points each

1.	0		
2.	6		
3.	13		
4.	1		
5.	66/67		
6.	90		
7.	15		
8.	1/2		
9.	210		
10.	600		
11.	3		
12.	45		
13.	830		
14.	20 (sec)		
15.	1/9		
16.	1080		
17.	1/3		
18.	9 (mph)		
19.	75		
20.	240		

Subtotal

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Questions 21-30 are worth 3 points each

21.	1059		
22.	30		
23.	5		
24.	89		
25.	5		
26.	3		
27.	1674		
28.	4		
29.	-5/3		
30.	21		

Subtotal

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2001 Mount Rainier Math Invitational
Sixth Grade
Team Algebra Test Answers

School: _____

Table #: _____ Team: _____

KEY

Questions 1-5 are worth 2 points each

1.	$3x+6$		
2.	18		
3.	27		
4.	\$240		
5.	-2		

Subtotal

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Questions 6-10 are worth 3 points each

6.	13		
7.	7		
8.	33		
9.	9, -7		
10.	6		

Subtotal

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2001 Mount Rainier Math Invitational
Sixth Grade
Team Geometry Test Answers

School: _____

Table #: _____ Team: _____

KEY

Questions 1-5 are worth 2 points each

1.	21		
2.	15 (miles)		
3.	135 (deg)		
4.	7		
5.	25 -24 or 54.5		

Subtotal

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Questions 6-10 are worth 3 points each

6.	24		
7.	30 (deg)		
8.	100 -200 or 114		
9.	23,562 (gal)		
10.	20 (ft.)		

Subtotal

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2001 Mount Rainier Math Invitational

Sixth Grade

Team "Who Wants to be a Mathematician" Answers

School: _____

Table #: _____

Team: _____

KEY

Questions 1-4 are worth 1 point each

1.	5
2.	133
3.	4
4.	36

Subtotal

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----- safety line -----

Questions 5-8 are worth 2 points each

5.	60 (deg)
6.	1/6
7.	7
8.	8 or 25.12

Subtotal

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----- safety line -----

Questions 9-11 are worth 3 points each and Question 12 is worth 4 points

9.	16
10.	1260
11.	3
12.	7 or 21.98

Subtotal

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2001 Mount Rainier Math Invitational
Sixth Grade
Team Pressure Round Answers

KEY

School: _____

Table #: _____

Team: _____

Problem being answered:

1

Fifth Answer for 7 points:

B

1.		
2.		
3.		
4.		
5.		

School: _____

Table #: _____

Team: _____

Problem being answered:

2

Fourth Answer for 6 points:

6

School: _____

Table #: _____

Team: _____

Problem being answered:

3

Third Answer for 5 points:

9th

School: _____

Table #: _____

Team: _____

Problem being answered:

4

Second Answer for 4 points:

5050

School: _____

Table #: _____

Team: _____

Problem being answered:

5

First Answer for 3 points:

25 +48 or 126.5
