

2002 Mount Rainier Math Invitational
Sixth Grade
Individual Test Answers

KEY

Name: _____

School: _____

Table #: _____

Team: _____

Questions 1-20 are worth 2 points each

1.	52		
2.	10/21 in.		
3.	\$3.75		
4.	9		
5.	8		
6.	147		
7.	\$10.45		
8.	15		
9.	420 and 672		
10.	86		
11.	58		
12.	208/21		
13.	\$215		
14.	145		
15.	\$7,290		
16.	\$17.40		
17.	20		
18.	54,000 sq ft		
19.	88		
20.	No		

Subtotal

--	--

Questions 21-30 are worth 3 points each

21.	18		
22.	63		
23.	7		
24.	5/12		
25.	9		
26.	3/28		
27.	9		
28.	26		
29.	15		
30.	28		

Subtotal

--	--

2002 Mount Rainier Math Invitational
Sixth Grade
Team Algebra Test Answers

School: _____

Table #: _____ Team: _____

KEY

Questions 1-5 are worth 2 points each

1.	x=3		
2.	10		
3.	x=2		
4.	6		
5.	3 and -3		

Subtotal

Questions 6-10 are worth 3 points each

6.	5		
7.	xyz		
8.	x=12/7		
9.	7		
10.	30		

Subtotal

2002 Mount Rainier Math Invitational
Sixth Grade
Team Geometry Test Answers

School: _____

Table #: _____ Team: _____

KEY

Questions 1-5 are worth 2 points each

1.	140		
2.	20		
3.	3		
4.	30 sq in		
5.	0		

Subtotal

Questions 6-10 are worth 3 points each

6.	49/ or 15.61		
7.	118		
8.	128 or 401.92		
9.	5		
10.	375 or 1177.5		

Subtotal

2002 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.	B
2.	A
3.	D
4.	B

Subtotal

--	--

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

Questions 5-8 are worth 2 points each

5.	C
6.	A
7.	C
8.	C

Subtotal

--	--

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

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

9.	A
10.	B
11.	C
12.	B

Subtotal

--	--

2002 Mount Rainier Math Invitational
Sixth Grade
Team Pressure Round Answers

KEY

School: _____

Table #: _____

Team: _____

Problem being answered:

1
8"

Fifth Answer for 7 points:

1.		
2.		
3.		
4.		
5.		

School: _____

Table #: _____

Team: _____

Problem being answered:

2
12

Fourth Answer for 6 points:

School: _____

Table #: _____

Team: _____

Problem being answered:

3
36

Third Answer for 5 points:

School: _____

Table #: _____

Team: _____

Problem being answered:

4
13

Second Answer for 4 points:

School: _____

Table #: _____

Team: _____

Problem being answered:

5
3

First Answer for 3 points: