KEY

Final Score: 1-15

Final Score: 16-30 KEY

Final Score: 31-40 KEY

November 5, 2010

STUDENT NAME:				School Name:							
Proctor Name:					Roc	om #		Team #	::		
			Pro	e-Alge	bra Individual Co	ontest	- Score	Shee	e <b>t</b>		
				DO NO	OT WRITE IN S	HADE	REGIO	ONS			
	Answer	1 or 0	1 or 0		Answer	1 or 0	1 or 0		Answer	1 or 0	1 or 0
1	36,333			16	14384			31	25 [ways]		
2	$3.4 \times 10^7$			17	1/10			32	1440 [° or deg]		
3	1145 [buffalo]			18	38 [heads]			33	3 1/9 [fl oz]		
4	[ <i>d</i> =]3			19	48 [cm]			34	3/8		
5	15 [buses]			20	14 [degrees]			35	99,831,000		
6	49			21	18 [factors]			36	12√6 [sq cm]		
7	2/3			22	8/33			37	$\frac{135\sqrt{3}}{2}$ [sq units]		
8	14/27			23	14 [minutes]			38	462		
9	5 [multiples]			24	Tuesday			39	1 [penny]		

31	25 [ways]				
32	1440 [° or deg]				
33	3 <sup>1</sup> / <sub>9</sub> [fl oz]				
34	3/8				
35	99,831,000				
36	$12\sqrt{6}$ [sq cm]				
37	$\frac{135\sqrt{3}}{2}$ [sq units]				
38	462				
39	1 [penny]				
40	597,317,137				
3:	31-40 TOTAL:				

1	[x = ] 7	
2	40 [sq units]	
.3	50 [questions]	
4	60 [°]	
5	1/6	
1 -	15 TOTAL:	
		 =

[x = ] 3

19	48 [cm]	
20	14 [degrees]	
21	18 [factors]	
22	8/33	
23	14 [minutes]	
24	Tuesday	
25	$7\frac{29}{125}$	
26	$9+3\sqrt{3}$ [inches]	
27	1628	 
28	74	
29	$y = \frac{3x}{2} + 4$ or $y = \frac{3}{2}x + 4$	
30	$\frac{50-9\pi}{4}$ [in <sup>2</sup> ] or $\frac{25}{2} - \frac{9\pi}{4}$	
16	-30 TOTAL:	

13

14

15

1-15 TOTAL:

November 5, 2010

28

29

30

16-30 TOTAL:

Final Score: 1-15 Final Score: 16-30 Final Score: 31-40

STU	JOENT NAME:					Sch	ool Nan	ne:			
Proctor Name:					Roo	m #		Team #:			
			Pro	e-Algeb	ra Individual	Contest -	- Score	Shee	t		
				DO NO	T WRITE IN	N SHADED	REGIO	ONS			
	Answer	1 or 0	1 or 0		Answer	1 or 0	1 or 0		Answer	1 or 0	1 or 0
1				16				31			
2				17				32			
3				18				33			
4				19				34			
5				20				35			
6				21				36			
7				22				37			
8				23				38			
9				24				39			
10				25				40			
11		_		26				3	1-40 TOTAL:		
12		_		27							

Final Score: 1-15

KEY

Final Score: 16-30

Final Score: 31-40

November 5, 2010

STUDENT NAME:	School Name:		
Proctor Name:	Room #	Team #:	
Algebro	1 Individual Contest – Score Sheet		
DO NO	OT WRITE IN SHADED REGIONS		

			L
	Answer	1 or 0	1 or 0
1	1145 [buffalo]		
2	$7\frac{1}{4}$		
3	2/21		
4	[x = ] 7		
5	28286		
6	108 [degrees]		
7	1/3		
8	40 [sq units]		
9	50 [questions]		
10	138 [degrees]		
11	115		
12	[x=]1/2		
13	1/6		
14	70 [units]		
15	126 [square units]		
1-	15 TOTAL:		

	Answer	1 or 0	1 or 0
16	14384		
17	1/10		
18	38 [heads]		
19	48 [cm]		
20	14 [degrees]		
21	18 [factors]		
22	8/33		
23	14 [minutes]		
24	Tuesday		
25	$7\frac{9}{125}$		
26	$9+3\sqrt{3}$ [inches]		
27	1628		
28	74		
29	$y = \frac{3x}{2} + 4$ or $y = \frac{3}{2}x + 4$		
30	$\frac{50-9\pi}{4}$ [in <sup>2</sup> ] or $\frac{25}{2} - \frac{9\pi}{4}$		
16	-30 TOTAL:		

	Answer	1 or 0	1 or 0
31	25 [ways]		
32	1440 [° or deg]		
33	3 <sup>1</sup> / <sub>9</sub> [floz]		
34	3/8		
35	99,831,000		
36	12√6 [sq cm]		
37	$\frac{135\sqrt{3}}{2} [sq units]$		
38	462		
39	1 [penny]		
40	597,317,137		
3	1-40 TOTAL:		

November 5, 2010

Final Score: 1-15	Final Score: 16-30	Final Score: 31-40	

STUDENT NAME:	School Name:		
Proctor Name:	Room #	Team #:	
Algebro	a 1 Individual Contest – Score Sheet		
DO N	OT WRITE IN SHADED REGIONS		

	Answer	1 or 0	1 or 0	
1				
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9				
10				
11				
12				
13				
14				
15				
1-	15 TOTAL:			

	Answer	1 or 0	1 or 0
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			k
27			L
28			
29			
30			
16	-30 TOTAL:		

	Answer	1 or 0	1 or 0
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
3	1-40 TOTAL:		

Final Score: 1-15 KEY

KEY

Final Score: 16-30

Final Score: 31-40 KEY

November 5, 2010

STUDENT NAME:						Sch	ool Nan	ne:				
Prod	ctor Name:					Roc	om #			Team #:		
			G	eomet	ry Individual Cor	ntest -	Score S	She	eet			
			1	00 N	OT WRITE IN S	HADE	REGIO	ON	15			
	Answer	1 or 0	1 or 0		Answer	1 or 0	1 or 0			Answer	1 or 0	1 or 0
1	49			16	14384			,	31	25 [ways]		
2	14/27			17	1/10			,	32	1440 [° or deg]		
3	28286			18	38 [heads]			,	33	3 <sup>1</sup> / <sub>9</sub> [fl oz]		
4	138 [degrees]			19	48 [cm]			,	34	3/8		
5	115			20	14 [degrees]			,	35	99,831,000		
6	III, 3, or 3rd			21	18 [factors]				36	$12\sqrt{6}$ [sq cm]		

1			
2	14/27		
3	28286		
4	138 [degrees]		
5	115		
6	III, 3, or 3rd		
7	5 [units]		
8	60 [°]		
9	7 [sides]		
10	[x=] 1/2		
11	3 [units]		
12	1/6		
13	$63\pi$ [cubic inches]		
14	70 [units]		
15	126 [square units]		_
1 -	15 TOTAL:		

17	1/10	
18	38 [heads]	
19	48 [cm]	
20	14 [degrees]	
21	18 [factors]	
22	8/33	
23	14 [minutes]	
24	Tuesday	
25	$7\frac{9}{125}$	
26	$9+3\sqrt{3}$ [inches]	
27	1628	
28	74	 
29	$y = \frac{3x}{2} + 4$ or $y = \frac{3}{2}x + 4$	
30	$\frac{50-9\pi}{4}$ [in <sup>2</sup> ] or $\frac{25}{2} - \frac{9\pi}{4}$	
16	-30 TOTAL:	

	Answer	1 or 0	1 or 0
31	25 [ways]		
32	1440 [° or deg]		
33	3 <sup>1</sup> / <sub>9</sub> [fl oz]		
34	3/8		
35	99,831,000		
36	$12\sqrt{6}$ [sq cm]		
37	$\frac{135\sqrt{3}}{2}$ [sq units]		
38	462		
39	1 [penny]		
40	597,317,137		
3:	1-40 TOTAL:		

November 5, 2010

Final Score: 1-15	Final Score: 16-30	Final Score: 31-40

STUDENT NAME:	School Name:		
Proctor Name:	Room #	Team #:	
Geometry	Individual Contest - Score Sheet		

# DO NOT WRITE IN SHADED REGIONS

_				
	Answer	1 or 0	1 or 0	
1				
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4				
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9				
10				
11				
12		_		
13				
14				
15				
1-	15 TOTAL:			

	Answer	1 or 0	1 or 0
16			
17			
18			
19			
20			
21			
22			
23			
24			
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26			
27			
28			
29			
30			
16	-30 TOTAL:		

		1	1
	Answer	1 or 0	1 or 0
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
3	1-40 TOTAL:		