

2013 WSMC Answers

Individual							
5 th		6 th		7 th		8 th	
1	D	1	D	1	E	1	E
2	B	2	B	2	E	2	E
3	A	3	A	3	A	3	A
4	C	4	C	4	B	4	B
5	D	5	D	5	D	5	D
6	E	6	E	6	B	6	B
7	E	7	E	7	A	7	A
8	A	8	A	8	B	8	B
9	B	9	B	9	D	9	D
10	D	10	D	10	D	10	D
11	506	11	506	11	13	11	13
12	15	12	15	12	21	12	21
13	528	13	528	13	525	13	525
14	26	14	26	14	7/71	14	7/71
15	60	15	60	15	28	15	28
16	18	16	18	16	15	16	15
17	8.33	17	8.33	17	8	17	8
18	80	18	80	18	5/9	18	5/9
19	9	19	9	19	149	19	149
20	83	20	83	20	693	20	693
21	13	21	13	21	7	21	7
22	21	22	21	22	12	22	12
23	525	23	525	23	663	23	663
24	7/71	24	7/71	24	3/4	24	3/4
25	28	25	28	25	6	25	6
26	15	26	15	26	166	26	166
27	8	27	8	27	200	27	200
28	5/9	28	5/9	28	11	28	11
29	149	29	149	29	1/7	29	1/7
30	693	30	693	30	70	30	70

Mental Math							
5 th		6 th		7 th		8 th	
1	15	1	79	1	5/6	1	96
2	1/4	2	38	2	70	2	32
3	79	3	5/6	3	96	3	80
4	38	4	70	4	32	4	10
5	5/6	5	96	5	80	5	3.36
6	56	6	95	6	8	6	54
7	22	7	36	7	169	7	79
8	95	8	8	8	54	8	15
9	36	9	169	9	79	9	1/4
10	8	10	54	10	15	10	212
11	1/10	11	60	11	79	11	13
12	8	12	5	12	11	12	31
13	60	13	79	13	13	13	1.15
14	5	14	11	14	31	14	1
15	79	15	13	15	1.15	15	13
16	5	16	3	16	40	16	1
17	1/6	17	130	17	1/20	17	30
18	3	18	40	18	1	18	90
19	130	19	1/20	19	30	19	105
20	40	20	1	20	90	20	210

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Probability & Statistics											
5 th		6 th		7 th		8 th					
1	4/13	1	3/5	1	1/24	1	60				
2	3	2	9	2	1/5	2	3/10				
3	54.5	3	15	3	1/10	3	200				
4	3/5	4	1/24	4	60	4	5/8				
5	9	5	1/5	5	3/10	5	35				
6	15	6	1/10	6	200	6	75				
7	1/24	7	60	7	5/8	7	2/3				
8	1/5	8	3/10	8	35	8	27				
9	1/10	9	200	9	75	9	42				
10	60	10	5/8	10	2/3	10	3/5				

Algebra											
5 th		6 th		7 th		8 th					
1	4	1	256	1	10	1	12				
2	16.1	2	18	2	540	2	5				
3	120	3	60	3	300	3	73				
4	256	4	10	4	12	4	70				
5	18	5	540	5	5	5	60				
6	60	6	300	6	73	6	12				
7	10	7	12	7	70	7	250				
8	540	8	5	8	60	8	10				
9	300	9	73	9	12	9	5				
10	12	10	70	10	250	10	1				

Geometry											
5 th		6 th		7 th		8 th					
1	108	1	9	1	16	1	180				
2	18	2	80	2	50	2	64				
3	180	3	300	3	283	3	25				
4	9	4	16	4	180	4	192				
5	80	5	50	5	64	5	4				
6	300	6	283	6	25	6	24				
7	16	7	180	7	192	7	12				
8	50	8	64	8	4	8	25				
9	283	9	25	9	24	9	3.86				
10	180	10	192	10	12	10	20				

Potpourri											
5 th		6 th		7 th		8 th					
1	4	1	189	1	16	1	10				
2	130	2	156	2	8	2	8/33				
3	29	3	16	3	252	3	72				
4	189	4	16	4	10	4	20				
5	156	5	8	5	8/33	5	9				
6	16	6	252	6	72	6	5				
7	16	7	10	7	20	7	6				
8	8	8	8/33	8	9	8	10				
9	252	9	72	9	5	9	16				
10	10	10	20	10	6	10	30				