



Knights of Pi Math Tournament – Dec. 4, 2010

Speed Math 7th/8th

Name Key

Grade _____

School _____

Team Number _____

#	Answer	0/1	0/1
1	3000		
2	9 [chapters]		
3	14		
4	4		
5	12 [problems]		
6	3		
7	56 [units ³]		
8	1/4		
9	41/70		
10	26 [leaves]		
11	19		
12	32[black squares]		
13	4		
14	55		
15	55		
16	3/8		
17	6 [ways]		
18	7 [dogs]		
19	13[units]		
20	180 [ways]		
Subtotal 1			

#	Answer	0/1	0/1
21	7 [units]		
22	4:00 pm		
23	2		
24	36		
25	(2, 7)		
26	1/2		
27	36 [letters]		
28	12 [apples]		
29	2 [chips]		
30	6 [mph]		
31	6 [rotations]		
32	2600 [license plates]		
33	4/5		
34	2 ² · 3 · 5 · 7		
35	15 [°]		
36	11 – 4√5		
37	40 [mph]		
38	27 [°]		
39	9 [units ²]		
40	2109		
Subtotal 2			

#	Answer	0/1	0/1
41	127/128		
42	1/4		
43	20 [cm ³]		
44	1/27		
45	8/33		
46	345		
47	2xy/(x + y)		
48	√3/2		
49	480 [points]		
50	[x =] 3 and – 2		
51	16 [regions]		
52	3/2[units]		
53	T		
54	9 [factors]		
55	91		
56	24% or 0.24		
57	9		
58	0.58		
59	6		
60	2 and 0		
Subtotal 3			

First Score	Final Score