



Knights of Pi Math Tournament – May 16, 2009

# Speed Math 7th/8th

Name **Key**

Grade \_\_\_\_\_

School \_\_\_\_\_

Team Number \_\_\_\_\_

#	Answer	0/1	0/1
1	27		
2	6		
3	-3/2		
4	2		
5	42		
6	(0, 5)		
7	60		
8	245 [in <sup>2</sup> ]		
9	1 [units]		
10	48		
11	13		
12	33 [%]		
13	5		
14	1/2		
15	-6		
16	4		
17	-6		
18	2 <sup>5</sup> (or 32)		
19	3√6		
20	13 [in]		
Subtotal 1			

#	Answer	0/1	0/1
21	1		
22	5		
23	9		
24	8√3 [in <sup>2</sup> ]		
25	y = 3x - 13		
26	54 [in <sup>2</sup> ]		
27	33		
28	\$12.10		
29	13 [ft]		
30	36 [°]		
31	324		
32	25 [in <sup>2</sup> ]		
33	18		
34	√7 [ft]		
35	(3, 0)		
36	(-3, 7)		
37	13		
38	13 [m]		
39	-1 [u]		
40	12 [units]		
Subtotal 2			

#	Answer	0/1	0/1
41	(6, 5)		
42	10 [units]		
43	4√5 [u]		
44	40		
45	5/4		
46	7		
47	8/57		
48	4		
49	120π [ft/min]		
50	$\frac{2\pi}{3}$ [radians]		
51	16 [%]		
52	0		
53	13		
54	54		
55	2		
56	5		
57	10111 [2]		
58	703		
59	8/5		
60	3		
Subtotal 3			

First Score	Final Score