



Knights of Pi Math Tournament – May 16, 2009

# Individual Test 7th/8th

Name \_\_\_\_\_

Grade \_\_\_\_\_

School \_\_\_\_\_

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

#	Answer	0/1	0/1
1	107		
2	13		
3	76		
4	$\pi$ [units]		
5	4/9		
6	12 [factors]		
7	27 [diagonals]		
8	20		
9	6		
10	50 [cm <sup>2</sup> ]		
11	15 [painters]		
12	-23		
13	$9\sqrt{3}$ [in <sup>2</sup> ]		
14	60 [inches]		
15	-24		
16	73 [pencils]		
17	-13		
18	36 [°]		
19	4 [triangles]		
20	$x = -3$		
Subtotal 1			

#	Answer	0/1	0/1
21	24 [cherries]		
22	(6, 0)		
23	$y = (-4/3)x + 52/3$		
24	(3, -1)		
25	4		
26	(5, 6)		
27	17/70		
28	$80\pi$ [ft/min]		
29	2/3		
30	0		
31	$2\sqrt{65}$ [units]		
32	897		
33	24		
34	$1.0 \times 10^{100}$		
35	37 [°]		
36	80/31		
37	6		
38	128		
39	29		
40	$-2011_{[-3]}$		
Subtotal 2			

First Score	Final Score
/40	/40