



Knights of Pi Math Tournament – May 16, 2009

# Individual Test 5th/6th

Name \_\_\_\_\_

Grade \_\_\_\_\_

School \_\_\_\_\_

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

| #          | Answer               | 0/1 | 0/1 |
|------------|----------------------|-----|-----|
| 1          | 61 [sticks]          |     |     |
| 2          | \$365.20             |     |     |
| 3          | 43                   |     |     |
| 4          | 144 [donuts]         |     |     |
| 5          | 17                   |     |     |
| 6          | 70                   |     |     |
| 7          | 27/16                |     |     |
| 8          | 7 [dogs]             |     |     |
| 9          | 59 [minutes]         |     |     |
| 10         | $1\frac{11}{15}$     |     |     |
| 11         | 12 [blocks]          |     |     |
| 12         | 4560 [seconds]       |     |     |
| 13         | 3.42                 |     |     |
| 14         | 4/3                  |     |     |
| 15         | 6                    |     |     |
| 16         | 0 (or "None")        |     |     |
| 17         | 42 [mph]             |     |     |
| 18         | Wednesday (W or Wed) |     |     |
| 19         | 15 [questions]       |     |     |
| 20         | 4 [widgets]          |     |     |
| Subtotal 1 |                      |     |     |

| #          | Answer                        | 0/1 | 0/1 |
|------------|-------------------------------|-----|-----|
| 21         | 1                             |     |     |
| 22         | 3/10                          |     |     |
| 23         | 800/9 [km/hour]               |     |     |
| 24         | 2                             |     |     |
| 25         | III (or 3)                    |     |     |
| 26         | 1:2                           |     |     |
| 27         | 1 [prime number]              |     |     |
| 28         | 12 [integer factors]          |     |     |
| 29         | 27 [diagonals]                |     |     |
| 30         | $14\pi$ [cm]                  |     |     |
| 31         | -23                           |     |     |
| 32         | 60 [inches]                   |     |     |
| 33         | 108 [°]                       |     |     |
| 34         | $\sqrt{3}$ [cm <sup>2</sup> ] |     |     |
| 35         | $x = -3$                      |     |     |
| 36         | 19/52                         |     |     |
| 37         | (-11, 8)                      |     |     |
| 38         | 17/70                         |     |     |
| 39         | 128                           |     |     |
| 40         | 29                            |     |     |
| Subtotal 2 |                               |     |     |

|             |             |
|-------------|-------------|
| First Score | Final Score |
| /40         | /40         |