

MAD HATTER A
Answer Sheet

Simplify all answers

Name _____ Key _____ School _____ Number Correct _____

| | | | | | | | |
|--------------------------|------|------|-----|-------|---|------|------|
| WARM-UP QUESTIONS | | | | | | | |
| (i) | 1007 | (ii) | 4/5 | (iii) | 5 | (iv) | 1/12 |

| | | | | | | | |
|----|------------|----|-----------------|----|-----|----|----------------------|
| 1 | 27 | 11 | 2 | 21 | -5x | 31 | 1 |
| 2 | $\sqrt{3}$ | 12 | 13 | 22 | 10 | 32 | $\frac{\sqrt{3}}{2}$ |
| 3 | 1 | 13 | 1 | 23 | 18 | 33 | 5/16 |
| 4 | 1 + x | 14 | 6 | 24 | 4 | 34 | -9 |
| 5 | 0 | 15 | 2/3 | 25 | 5 | 35 | 2010 |
| ↓ | | ↓ | | ↓ | | ↓ | |
| 6 | 1/4 | 16 | $\frac{x}{x-1}$ | 26 | 15 | 36 | 0 |
| 7 | 81 | 17 | -4/3 | 27 | 22 | 37 | -1 |
| 8 | 3 | 18 | 6 | 28 | 8 | 38 | 2 |
| 9 | 22 | 19 | 20 | 29 | -3 | 39 | 31 |
| 10 | 0 | 20 | 1 | 30 | -4 | 40 | 101 |

Name _____ Key _____ School _____ Number Correct _____

| WARM-UP QUESTIONS | | | |
|-------------------|------------|------|-----------|
| (i) | <u>2/3</u> | (ii) | <u>20</u> |
| (iii) | <u>2</u> | (iv) | <u>9</u> |

| | | | | | | | |
|----|-------------|----|------------|----|-------------|----|-------------|
| 1 | <u>13</u> | 11 | <u>20</u> | 21 | <u>5</u> | 31 | <u>1</u> |
| 2 | <u>80</u> | 12 | <u>15</u> | 22 | <u>0</u> | 32 | <u>101</u> |
| 3 | <u>1</u> | 13 | <u>3</u> | 23 | <u>9</u> | 33 | <u>15</u> |
| 4 | <u>3</u> | 14 | <u>4</u> | 24 | <u>12</u> | 34 | <u>9</u> |
| 5 | <u>18</u> | 15 | <u>-4</u> | 25 | <u>891</u> | 35 | <u>22</u> |
| ↓ | | ↓ | | ↓ | | ↓ | |
| 6 | <u>-1</u> | 16 | <u>1/2</u> | 26 | <u>-4</u> | 36 | <u>31</u> |
| 7 | <u>5</u> | 17 | <u>27</u> | 27 | <u>10</u> | 37 | <u>2013</u> |
| 8 | <u>-4/3</u> | 18 | <u>2</u> | 28 | <u>12/7</u> | 38 | <u>2010</u> |
| 9 | <u>4</u> | 19 | <u>16</u> | 29 | <u>10</u> | 39 | <u>3</u> |
| 10 | <u>1007</u> | 20 | <u>6</u> | 30 | <u>5/16</u> | 40 | <u>2009</u> |