

NAME \_\_\_\_\_

DATE \_\_\_\_\_

CLASS \_\_\_\_\_

TEACHER \_\_\_\_\_

Step I: If  $a = 3$  and  $b = 2$ , evaluate each of the following.

- |  |   |
|--|---|
| ✓1) $2a - a = \underline{a=3}$             | ✓2) $5b^2 + b = \underline{\hspace{2cm}}$       |
| ✓3) $(a + b)^2 = \underline{\hspace{2cm}}$ | ✓4) $a^2 + b^2 = \underline{\hspace{2cm}}$      |
| ✓5) $2b^2 = \underline{\hspace{2cm}}$      | ✓6) $2a - 3b = \underline{\hspace{2cm}}$        |
| ✓7) $ab = \underline{\hspace{2cm}}$        | ✓8) $2a^2 - b^0 = \underline{\hspace{2cm}}$     |
| ✓9) $2a^2 + a = \underline{\hspace{2cm}}$  | ✓10) $a - b = \underline{\hspace{2cm}}$         |
| ✓11) $a^2 = \underline{\hspace{2cm}}$      | ✓12) $2a + 4b = \underline{\hspace{2cm}}$       |
| ✓13) $9b = \underline{\hspace{2cm}}$       | ✓14) $b^2 = \underline{\hspace{2cm}}$           |
| ✓15) $3b - 2b = \underline{\hspace{2cm}}$  | ✓16) $(2a)^2 - 3b^2 = \underline{\hspace{2cm}}$ |
| ✓17) $(2b)^2 = \underline{\hspace{2cm}}$   | ✓18) $2(a + b) = \underline{\hspace{2cm}}$      |
| ✓19) $a + 2b = \underline{\hspace{2cm}}$   | ✓20) $a + b = \underline{\hspace{2cm}}$         |
| ✓21) $13b - a = \underline{\hspace{2cm}}$  | ✓22) $7a - 3b = \underline{\hspace{2cm}}$       |
| ✓23) $3a + b = \underline{\hspace{2cm}}$   | ✓24) $5(2a - b) = \underline{\hspace{2cm}}$     |
| ✓25) $2a + 3b = \underline{\hspace{2cm}}$  | ✓26) $7a - b = \underline{\hspace{2cm}}$        |

Step II: Put answers to problems in left-hand column in ascending numerical order, beginning at the top of the column. Write the corresponding question number beside each answer.

|           |           |   |
|-----------|-----------|---|
| <u>0</u>  | <u>6</u>  | A |
| <u>1</u>  | <u>10</u> | B |
| <u>2</u>  | <u>5</u>  | C |
| <u>3</u>  | <u>1</u>  | D |
| <u>4</u>  | <u>14</u> | E |
| <u>5</u>  | <u>20</u> | F |
| <u>6</u>  | <u>7</u>  | G |
| <u>7</u>  | <u>19</u> | H |
| <u>8</u>  | <u>5</u>  | I |
| <u>9</u>  | <u>11</u> | J |
| <u>10</u> | <u>18</u> | K |
| <u>11</u> | <u>23</u> | L |
| <u>12</u> | <u>25</u> | M |
| <u>13</u> | <u>4</u>  | N |
| <u>14</u> | <u>12</u> | O |
| <u>15</u> | <u>22</u> | P |
| <u>16</u> | <u>17</u> | Q |
| <u>17</u> | <u>8</u>  | R |
| <u>18</u> | <u>13</u> | S |
| <u>19</u> | <u>26</u> | T |
| <u>20</u> | <u>24</u> | U |
| <u>21</u> | <u>9</u>  | V |
| <u>22</u> | <u>2</u>  | W |
| <u>23</u> | <u>21</u> | X |
| <u>24</u> | <u>16</u> | Y |
| <u>25</u> | <u>3</u>  | Z |

Step III: Decode the mathagram by writing the corresponding letter above each question number.

R O B I N S O N    C R U S O E  
8 12 10 5 4 13 12 4    15 8 24 13 12 14

W A S    T H E    O N L Y    M A N  
2 6 13    26 19 14    12 4 23 16    25 6 4

W H O    E V E R    G O T    H I S  
2 19 12    14 9 14 8    7 12 26    19 5 13

W O R K    D O N E    B Y  
2 12 8 18    1 12 4 14    10 16

F R I D A Y.  
20 8 5 1 6 16