

Name: _____

Date: _____

Walk The Line Bulletin Board Activity Extra Credit Worksheet (9 pts.)

Instructions:

Step 1: Write the month you were born on the line below.

Birth Month: _____

Step 2: Now use your birth month and find the three linear equations associated with that month on the Birth Month/Formula Sheet found on the bulletin board. Write the three linear equations given to you from that sheet in the lines below.

Black:

Red:

Blue:

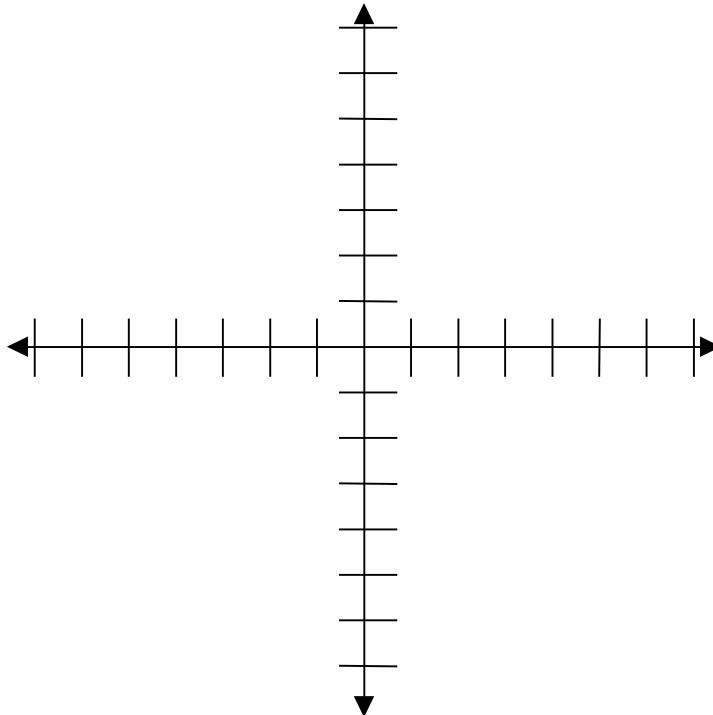
Step 3: Place the large paper lines on the graph section of the bulletin board using the equations that you copied above. Make sure to use the correct lines (by color) for each equation. If you need some space to do some work to find points on each of the lines, use the space below.

Black: (,) (,)

Red: (,) (,)

Blue: (,) (,)

Step 4: Using the colored pencils found in the left bin under the bulletin board, draw the lines that you pinned on the bulletin board on this graph shown below.



Birth Month/Formula Sheet

<p>Black : $y = \frac{3}{4}x$ January Red : $y = x - 1$ Blue : $y = -\frac{1}{3}x + 1$</p>	<p>Black : $y = \frac{6}{5}x$ July Red : $y = -x + 4$ Blue : $y = \frac{4}{3}x + 1$</p>
<p>Black : $y = -3x$ February Red : $y = x + 3$ Blue : $y = \frac{1}{3}x + 2$</p>	<p>Black : $y = 5x$ August Red : $y = 3x - 4$ Blue : $y = -\frac{5}{3}x - 2$</p>
<p>Black : $y = 2x$ March Red : $y = 2x - 2$ Blue : $y = -\frac{2}{3}x - 1$</p>	<p>Black : $y = -x$ September Red : $y = 5x - 1$ Blue : $y = -\frac{2}{5}x - 2$</p>
<p>Black : $y = \frac{7}{5}x$ April Red : $y = x + 2$ Blue : $y = -\frac{4}{5}x + 4$</p>	<p>Black : $y = \frac{3}{4}x$ October Red : $y = 3x + 3$ Blue : $y = -\frac{1}{2}x + 1$</p>
<p>Black : $y = -\frac{1}{4}x$ May Red : $y = x + 3$ Blue : $y = \frac{1}{5}x + 1$</p>	<p>Black : $y = 6x$ November Red : $y = -5x + 1$ Blue : $y = \frac{1}{3}x + 1$</p>
<p>Black : $y = \frac{2}{7}x$ June Red : $y = -2x + 3$ Blue : $y = \frac{1}{3}x + 3$</p>	<p>Black : $y = \frac{1}{5}x$ December Red : $y = 2x - 4$ Blue : $y = -\frac{2}{3}x + 2$</p>