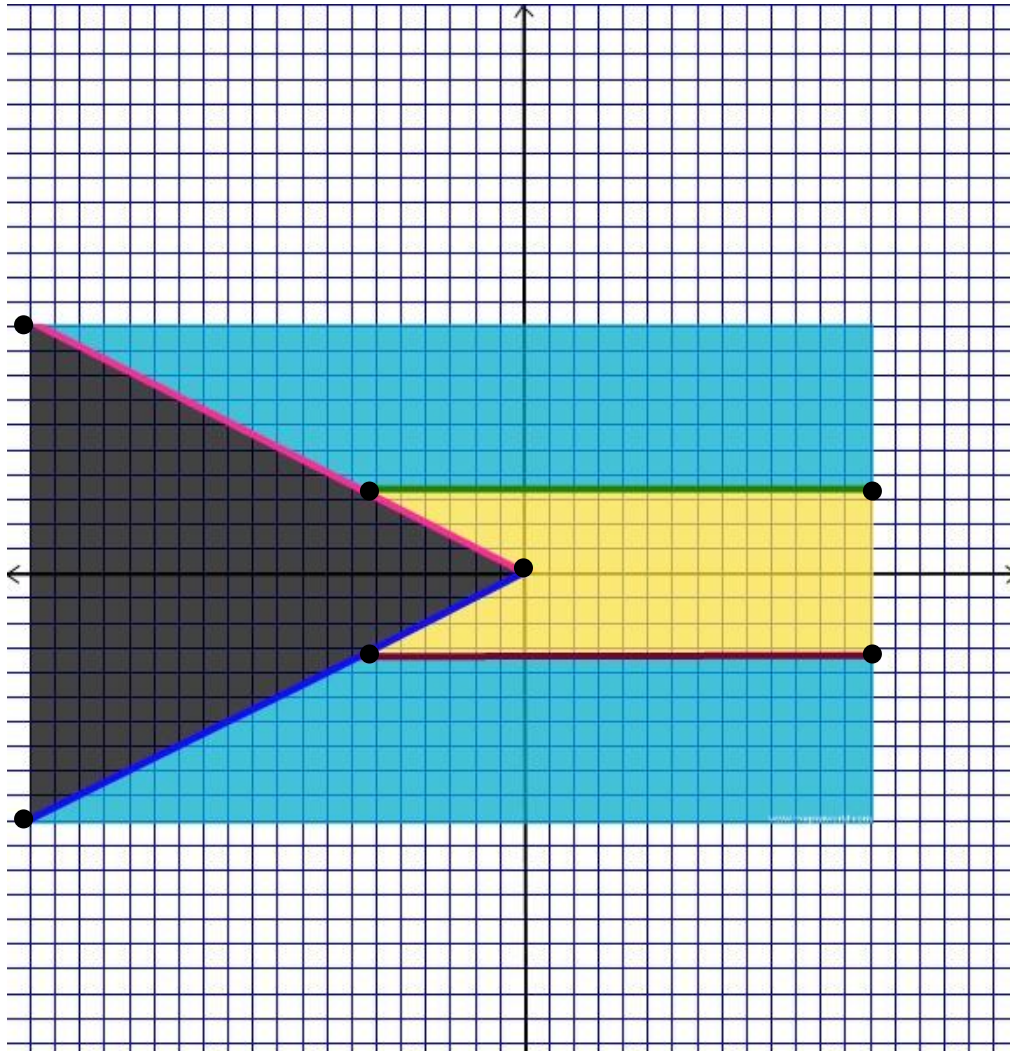


## Linear Equations of Flags – Algebra 1



### Line 1

$x$	$y$
-20	10
-14	7
0	0
-10	5

### Equation of Line 1:

Slope –intercept form:  $y = -\frac{1}{2}x + 0$

Standard Form:  $\frac{1}{2}x + y = 0$

**Line 2**

<b>x</b>	<b>y</b>
<b>-20</b>	<b>-10</b>
<b>-14</b>	<b>-7</b>
<b>0</b>	<b>0</b>
<b>-10</b>	<b>-5</b>

**Equation of Line 2:**

**Slope –intercept form:  $y = \frac{1}{2}x + 0$**

**Standard Form:  $-\frac{1}{2}x + y = 0$**

**Line 3**

<b>x</b>	<b>y</b>
<b>-6</b>	<b>3.5</b>
<b>14</b>	<b>3.5</b>
<b>2</b>	<b>3.5</b>
<b>3</b>	<b>3.5</b>

**Equation of Line 3:**

**Slope –intercept form:  $y=3.5$**

**Standard Form:  $y=3.5$**

**Line 4**

<b>x</b>	<b>y</b>
<b>-6</b>	<b>-3.25</b>
<b>14</b>	<b>-3.25</b>
<b>1</b>	<b>-3.25</b>
<b>2</b>	<b>-3.25</b>

**Equation of Line 4:**

**Slope –intercept form:  $y= -3.25$**

**Standard Form:  $y= -3.25$**