y t	Graph 1 2x + 4y = 8	y T	Graph 2 $y = \frac{2}{3}x - 6$
×	Label x intercept and y intercept	×	Label y intercept and at least one additional point
У	Graph 3	У	Graph 4
	$y = \frac{-3}{2}(x-6) + 4$	Ť	x = -3
×	Label implied point and at least one additional point	x	Label any intercepts and the point of intersection of the system

Name_____ Formative Assessment Hour _____ Date: 8/7/23 BRAVO

Paper and Pencil Sketching of Lines

Graph 1 3x + 6y = Label x ii x y interce	= 12 ntercept and ept		Graph 2 $y = \frac{3}{4}x - 12$ Label y intercept and at east one additional point
Graph 3 $y = \frac{1}{2}$ Label im and at le addition	$\frac{-5}{2}(x-8) + 4$ applied point east one hal point	x x y L t t x c	Graph 4 x = 4 y = -5 Label any intercepts and the point of intersection of the system

Use the Graphing Calculator to check each sketch.

- 1. Circle all the graphs you got correct Graph 1 Graph 2 Graph 3 Graph 4
- 2. If you made any errors in graphing, briefly explain your errors.
- 3. Do you feel confident that you would NOT make any errors with paper and pencil sketching of graphs of lines in the future?

Use the Graphing Calculator to check each sketch. Remember Analyze Graph and Ctrl T will help you a lot in this class!

- 1. Circle all the graphs you got correct Graph 1 Graph 2 Graph 3 Graph 4
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Paper and Pencil Sketching of Lines

x	Graph 1 5x + 4y = 20 Label x intercept and y intercept	x	Graph 2 $y = \frac{5}{6}x - 30$ Label y intercept and at least one additional point
x	Graph 3 $y = \frac{-5}{8}(x-8) + 6$ Label implied point and at least one additional point	y , , , , , , , , , , , , , , , , , , ,	Graph 4 x = -7 y = 8 Label any intercepts and the point of intersection of the system

Name_____ Formative Assessment Hour _____ Date: 8/7/23 GAMMA

Paper and Pencil Sketching of Lines

Gr 8x La • • • • • • • • • • • • • • • • • • •	raph 1 < + 6y = 48 abel x intercept and intercept	y t	Graph 2 $y = \frac{9}{4}x - 36$ Label y intercept and at least one additional point
Gr La ar	raph 3 $y = \frac{-5}{7}(x - 14) + 2$ abel implied point at least one dditional point	y x	Graph 4 x = -6 y = 3 Label any intercepts and the point of intersection of the system

Use the Graphing Calculator to check each sketch.

- 1. Circle all the graphs you got correct Graph 1 Graph 2 Graph 3 Graph 4
- 2. If you made any errors in graphing, briefly explain your errors.
- 3. Do you feel confident that you would NOT make any errors with paper and pencil sketching of graphs of lines in the future?

Use the Graphing Calculator to check each sketch. Remember Analyze Graph and Ctrl T will help you a lot in this class!

- 1. Circle all the graphs you got correct Graph 1 Graph 2 Graph 3 Graph 4
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- 3. Do you feel confident that you would NOT make any errors with paper and pencil sketching of graphs of lines in the future?

Paper and Pencil Sketching of Lines

Graph 1 7x + 8y = Label x i	= 56 ntercept and ept	G ∟La 	Firaph 2 $y = \frac{9}{5}x - 45$ abel y intercept and at east one additional oint
Graph 3 y = - Label im and at le addition	$\frac{11}{9}(x-9) + 4$ splied point east one al point $$	G × y La tł	Graph 4 (= 6 = -13 abel any intercepts and the point of intersection f the system

Name______Formative Assessment Hour _____ Date: 8/7/23 EPILSON

Paper and Pencil Sketching of Lines

Graph 1 5x + 7y = 35 Label x intercept and x y intercept	Graph 2 $y = \frac{10}{3}x - 30$ Label y intercept and at least one additional point
Graph 3	Graph 4
$y = \frac{-13}{4}(x-8) + 1$	x = 9
Label implied point	y = -14
and at least one	Label any intercepts and
additional point	the point of intersection
x	of the system

Use the Graphing Calculator to check each sketch.

- 1. Circle all the graphs you got correct Graph 1 Graph 2 Graph 3 Graph 4
- 2. If you made any errors in graphing, briefly explain your errors.
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- 1. Circle all the graphs you got correct Graph 1 Graph 2 Graph 3 Graph 4
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Guided Practice and Notes Date: 8/7/23 Paper and Pencil Sketching of Lines



1. Which of the lines above is called a vertical line?

State the vertical line's equation _____and give its only intercept as a point _____

Use the variable n and a number to give the set of all points that lie on this line._____

- 2. Which of the graphs above is called (modified) point slope form of the line? Graph 1 Graph 2 Graph 3 Graph 4
- 3. Which of the graphs above is called standard form of the line? Graph 1 Graph 2 Graph 3 Graph 4
- 4. Which of the graphs above is called slope intercept form of the line? Graph 1 Graph 2 Graph 3 Graph 4
- 5. Which of the lines above is called a horizontal line?

State the horizontal line's equation _____and give its only intercept as a point ______

Use the variable p and a number to give the set of all points that lie on this line._____

6. Rewrite the point slope line in slope intercept form ______

7. Rewrite the standard form line in slope intercept form ______