



Name \_\_\_\_\_

## 5<sup>th</sup> Grade Homework (Math) Remote Learning Packet

### Weeks 34-35



Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

\_\_\_\_\_  
(Parent Signature)

\_\_\_\_\_  
(Date)

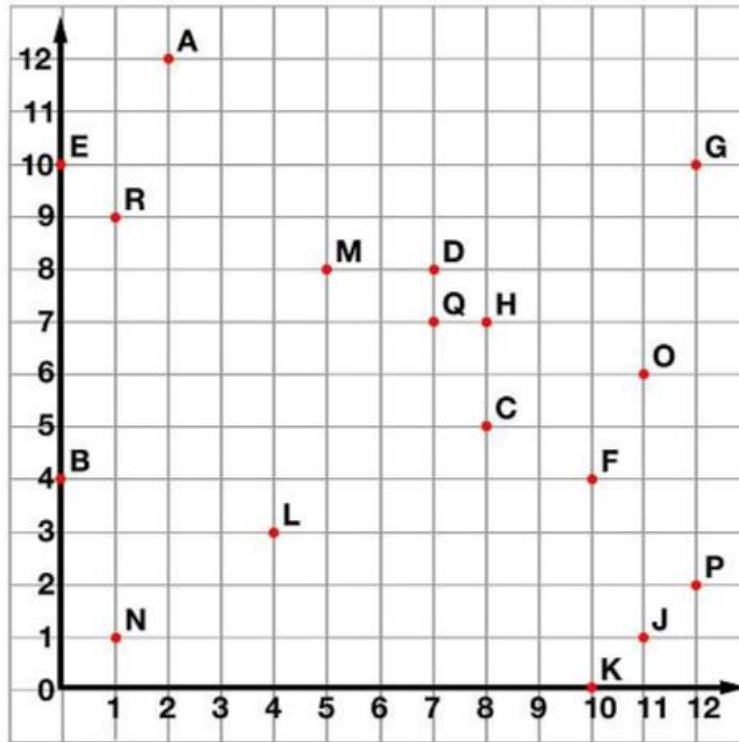
Parents please note that all academic packets are also available on our website at [www.brighterchoice.org](http://www.brighterchoice.org) under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.

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**Homework – Mod 6 Packet 3**



Tell what point is located at each ordered pair.

1. (5,8) \_\_\_\_\_ 2. (12,2) \_\_\_\_\_ 3. (8,7) \_\_\_\_\_  
 4. (12,10) \_\_\_\_\_ 5. (7,7) \_\_\_\_\_ 6. (0,10) \_\_\_\_\_

Write the ordered pair for each given point.

7. N \_\_\_\_\_ 8. L \_\_\_\_\_ 9. J \_\_\_\_\_  
 10. A \_\_\_\_\_ 11. B \_\_\_\_\_ 12. E \_\_\_\_\_

Plot the following points on the coordinate grid.

13. S (6,11) 14. T (3,5) 15. U (9,12)

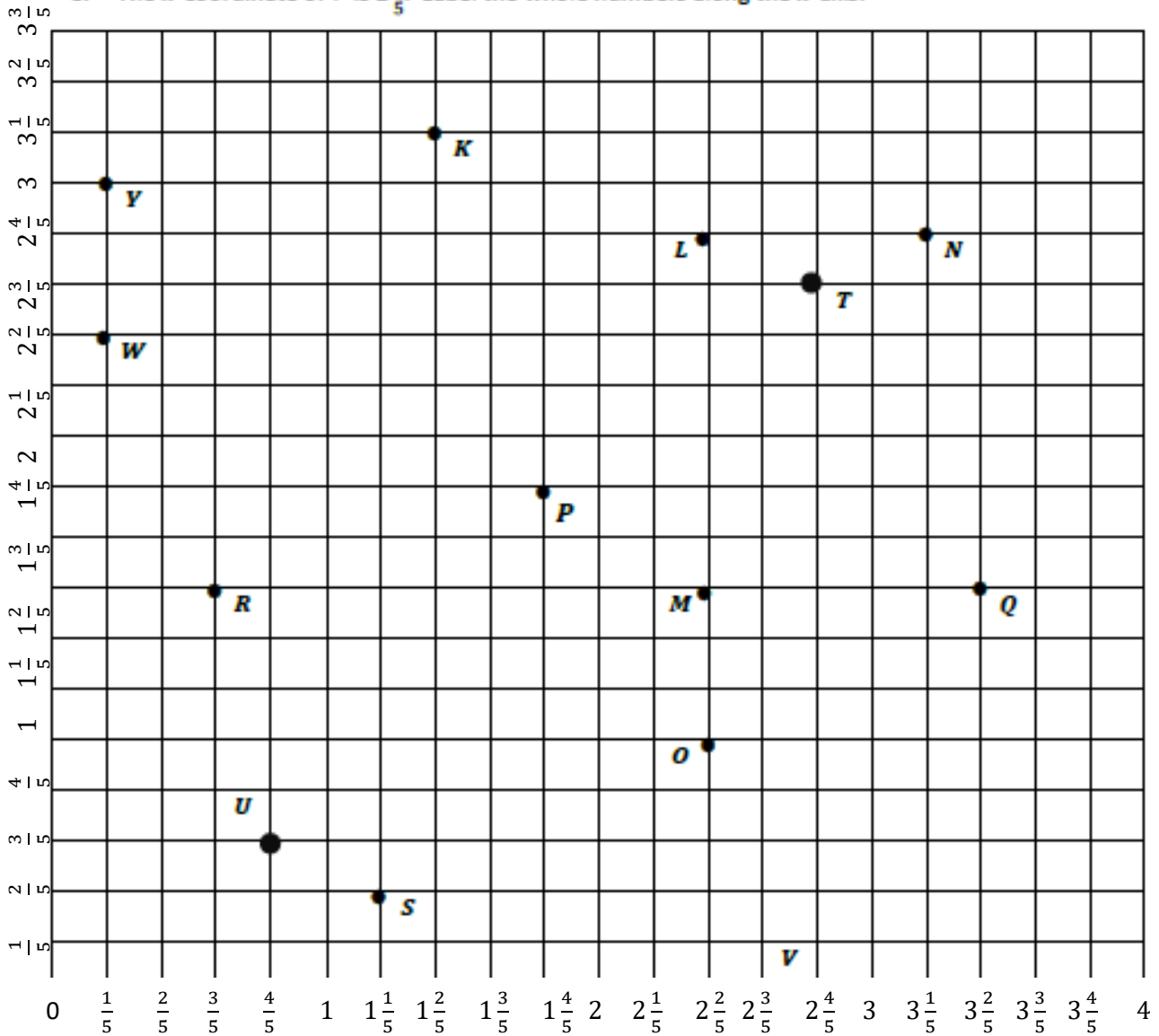
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### Homework Mod 6 – Packet 4

1. Use the grid below to complete the following tasks.
  - a. Construct a  $y$ -axis that passes through points  $Y$  and  $Z$ .
  - b. Construct a perpendicular  $x$ -axis that passes through points  $Z$  and  $X$ .
  - c. Label the origin as  $O$ .
  - d. The  $y$ -coordinate of  $W$  is  $2\frac{3}{5}$ . Label the whole numbers along the  $y$ -axis.
  - e. The  $x$ -coordinate of  $V$  is  $2\frac{2}{5}$ . Label the whole numbers along the  $x$ -axis.



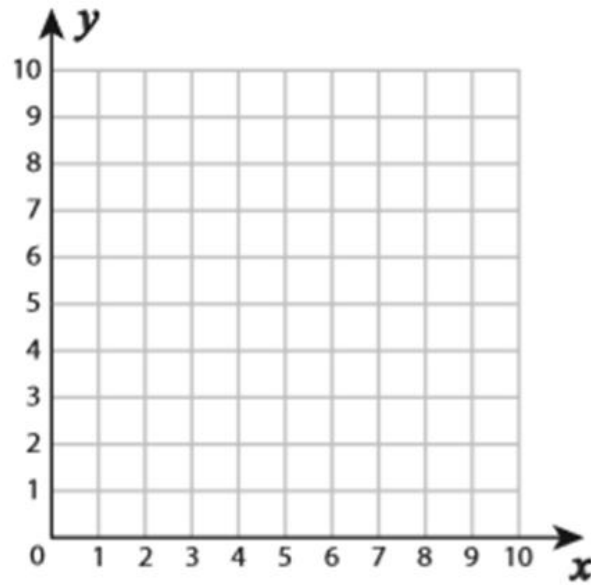
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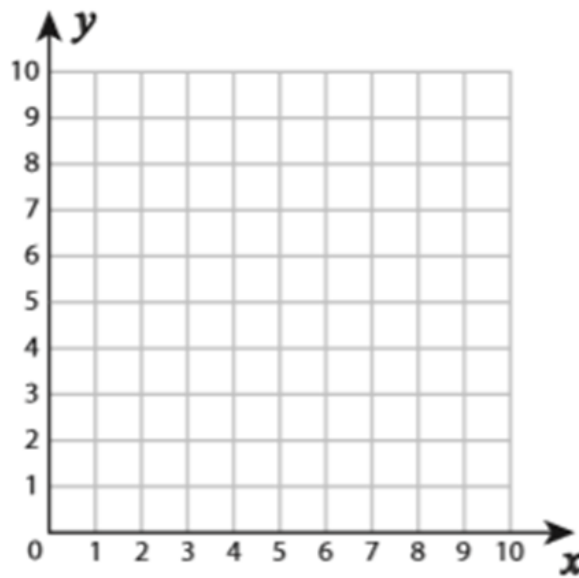
**Homework – Mod 6 Packet 5**

$(2, 8), (3, 9), (5, 9), (6, 8), (5, 7), (3, 7)$



Shape: \_\_\_\_\_

$(5, 5), (9, 5), (9, 1), (5, 1)$



Shape: \_\_\_\_\_

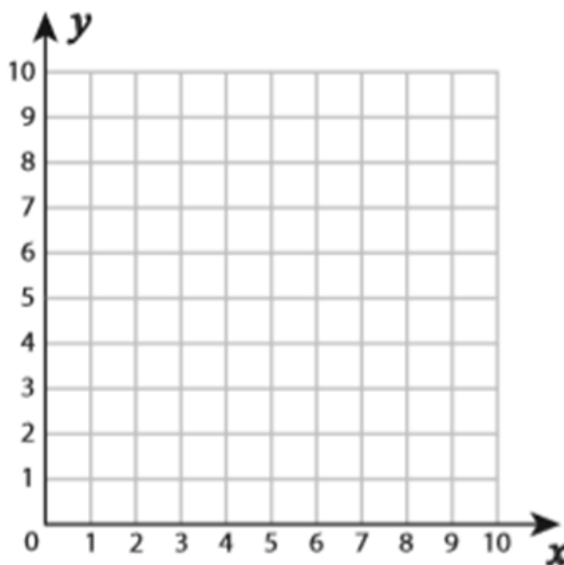
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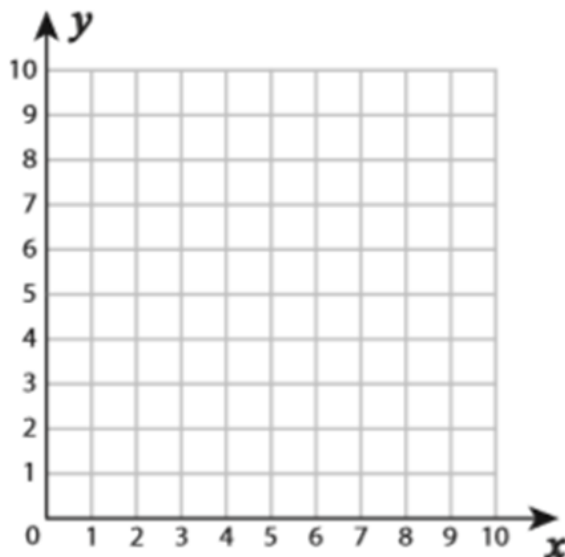
**Homework – Mod 6 Packet 6**

$(2, 4), (3, 7), (7, 7), (6, 4)$



Shape: \_\_\_\_\_

$(3, 9), (7, 5), (3, 2)$



Shape: \_\_\_\_\_

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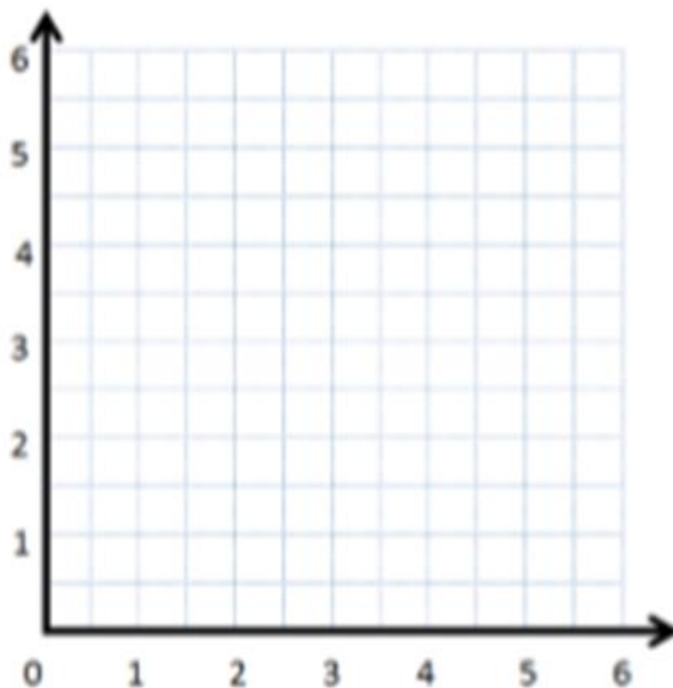
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**Homework – Mod 6 Packet 7**

Complete the chart. Then, plot the points on the coordinate plane.

$x$	$y$	$(x, y)$
2	0	
$3\frac{1}{2}$	$1\frac{1}{2}$	
$4\frac{1}{2}$	$2\frac{1}{2}$	
6	4	



- Use a straightedge to draw a line connecting these points.
- Write a rule showing the relationship between the  $x$ - and  $y$ -coordinates of points on this line.
- Name two other points that are also on this line.

\_\_\_\_\_

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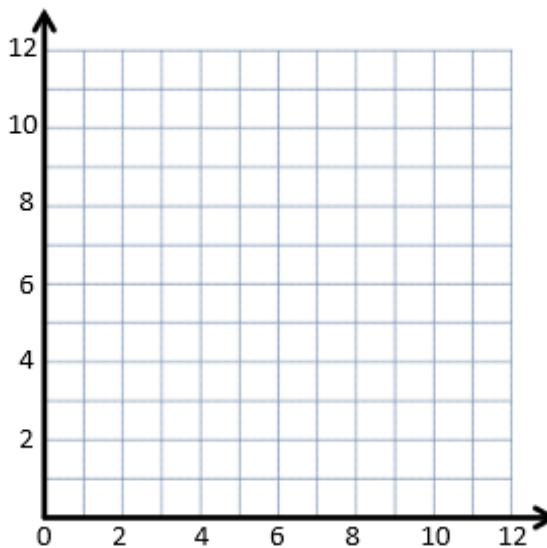
**Homework – Mod 6 Packet 8**

1. Complete this table such that each  $y$ -coordinate is 4 more than the corresponding  $x$ -coordinate.

$x$	$y$	$(x, y)$
<b>0</b>		
<b>4</b>		
<b>8</b>		

- a. Plot each point on the coordinate plane.
- b. Use a straightedge to construct a line connecting these points.
- c. Give the coordinates of 2 other points that fall on this line with  $x$ -coordinates greater than 18.

(\_\_\_\_, \_\_\_\_ ) and (\_\_\_\_, \_\_\_\_ )



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### Homework – Mod 6 Packet 9

1. Complete the table for the given rules.

Line *a*

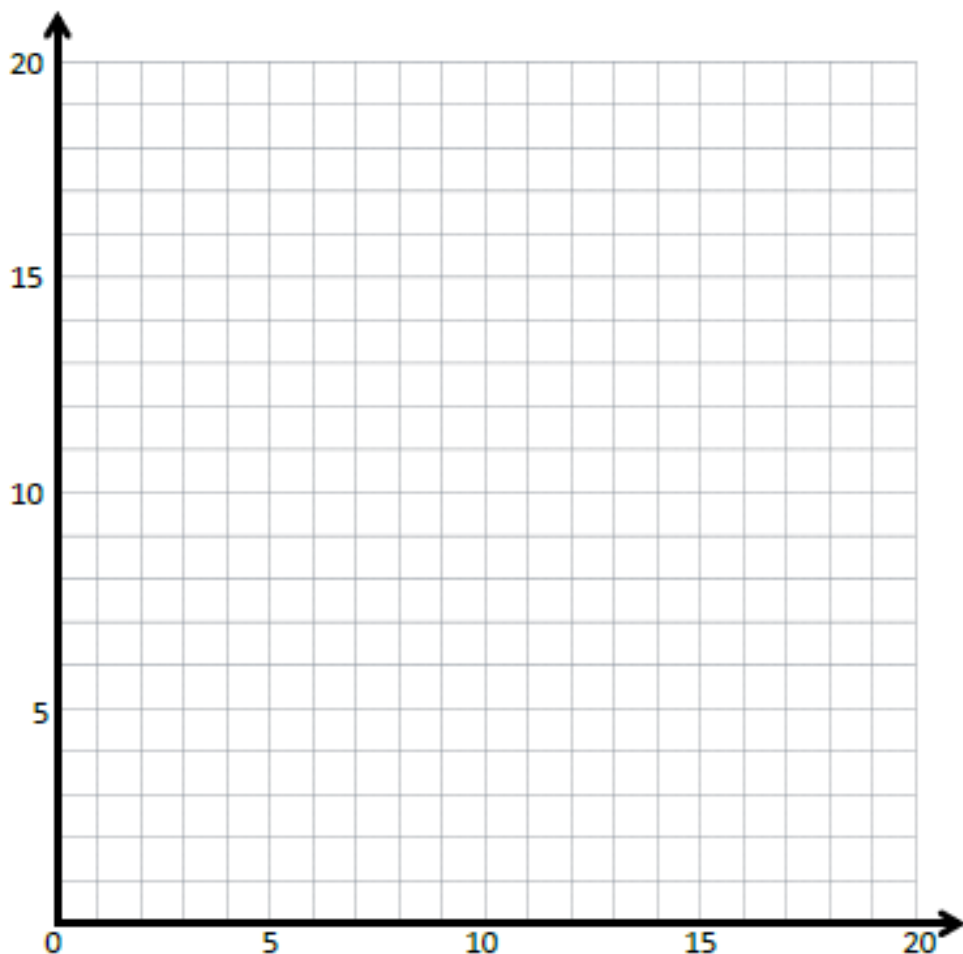
Rule: *y* is 1 less than *x*

<i>x</i>	<i>y</i>	( <i>x</i> , <i>y</i> )
1		
4		
9		
16		

Line *b*

Rule: *y* is 5 less than *x*

<i>x</i>	<i>y</i>	( <i>x</i> , <i>y</i> )
5		
8		
14		
20		





Name: \_\_\_\_\_ Week 35 Day 3 Date: \_\_\_\_\_

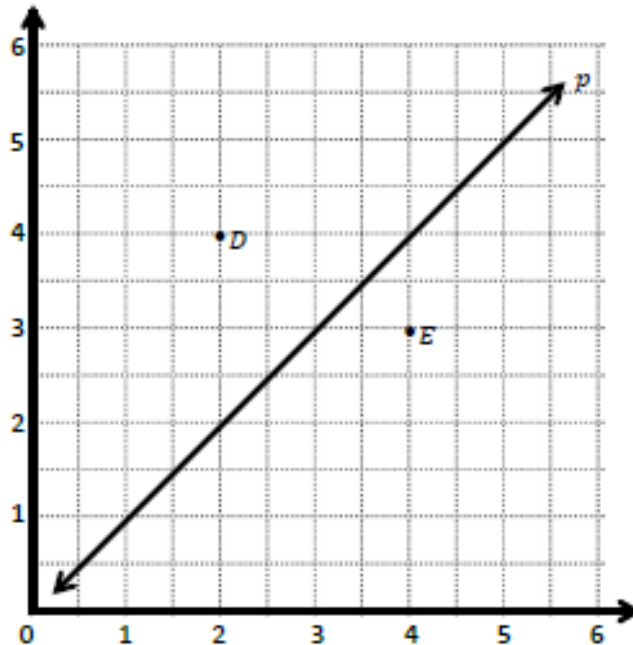
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**Homework – Mod 6 Packet 10**

1. Use the coordinate plane to complete the following tasks.

- Line  $p$  represents the rule  $x$  and  $y$  are equal.
- Construct a line,  $d$ , that is parallel to line  $p$  and contains point  $D$ .
- Name 3 coordinate pairs on line  $d$ .
- Identify a rule to describe line  $d$ .
- Construct a line,  $e$ , that is parallel to line  $p$  and contains point  $E$ .
- Name 3 points on line  $e$ .



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### Homework – Mod 6 Packet 11

1. Complete the tables for the given rules.

Line  $\ell$

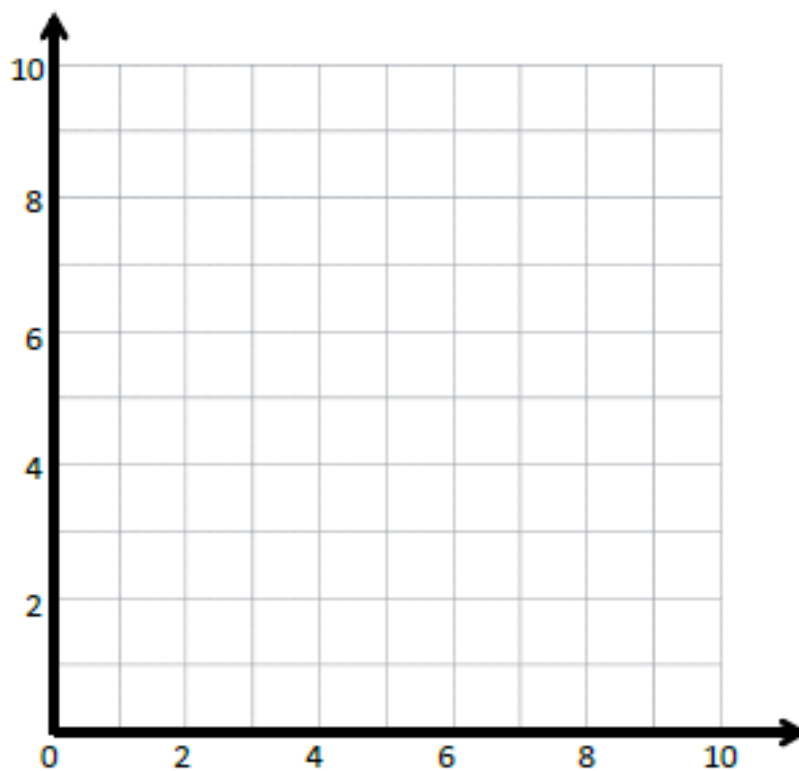
Rule: *Double  $x$*

$x$	$y$	$(x, y)$
1		
2		
3		

Line  $m$

Rule: *Double  $x$ , and then subtract 1*

$x$	$y$	$(x, y)$
1		
2		
3		

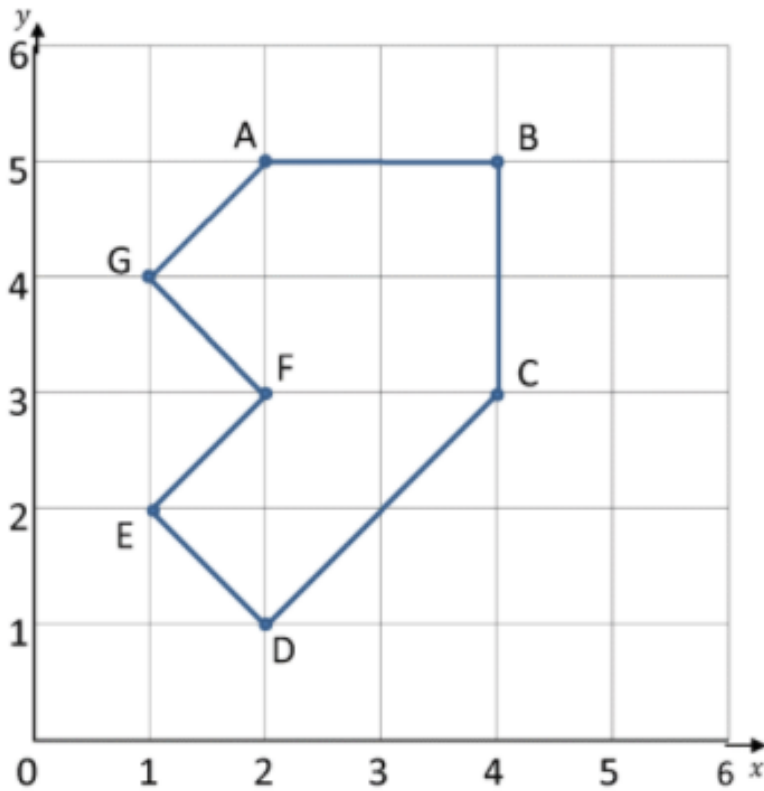


- a. Draw each line on the coordinate plane above.
- b. Compare and contrast these lines.

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**Homework – Mod 6 Packet 12**

1) Write down the coordinates of the points on the first grid.

A ( \_\_, \_\_ )

B ( \_\_, \_\_ )

C ( \_\_, \_\_ )

D ( \_\_, \_\_ )

E ( \_\_, \_\_ )

F ( \_\_, \_\_ )

G ( \_\_, \_\_ )