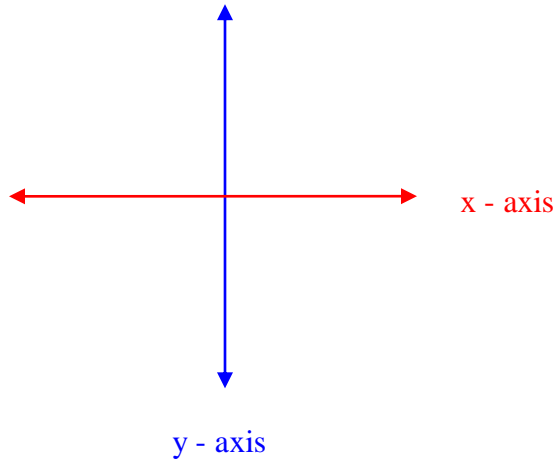
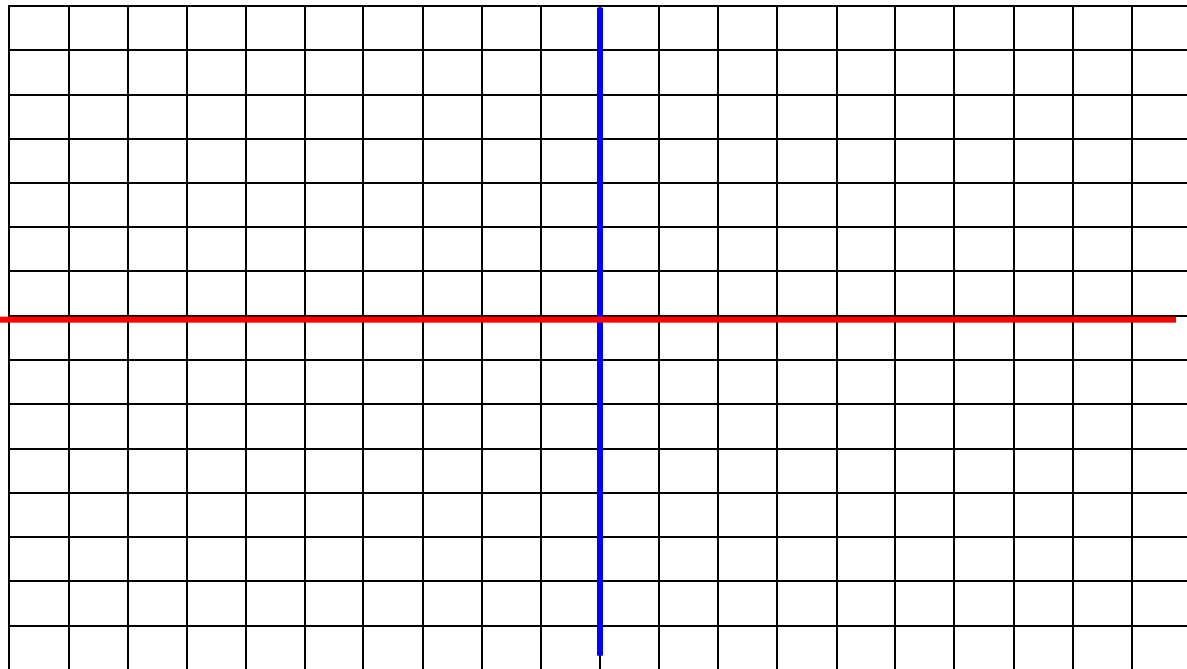


Graphing in the Coordinate Plane: The coordinate plane consists of an x-axis and a y-axis. The x-axis represents a number line going horizontally, while the y-axis represents a number line going vertically.



TASK #1: Plot the following points on the graph provided:

$(4, 3)$ $(0, 2)$ $(-3, -4)$ $(6, -2)$ $(5, -5)$ $(0, 0)$



TASK #2: Your 2nd task is to plot the following points and connect them (on graph paper), creating a mystery picture. Upon completion of your mystery picture, show to Mr. G. for approval to move on to the 3rd task.

Mystery Picture #2

Coordinates	Connect Points (using a ruler)
A (0,25)	Connect A to B
B (-3,20)	B to C
C (3,20)	A to C
D (-3,-5)	B to D
E (3,-5)	C to E
F (-6,-8)	D to F
G (6,-8)	E to G
H (-7,-14)	F to H
I (7,-14)	H to J
J (-3,-10)	G to I
K (3,-10)	I to K
L (-3,-12)	J to L
M (3,-12)	L to N
N (-4,-16)	N to O
O (-3,-16)	O to P
P (-5,-18)	P to Q
Q (-4,-18)	Q to R
R (-6,-20)	R to S
S (0,-26)	K to J
T (4,-16)	K to M
U (3,-16)	M to L
V (5,-18)	M to T
W (4,-18)	T to U
X (6,-20)	U to V
	V to W
	W to X AND X to S

TASK #3: Your last task is to create your own mystery picture. Your picture must have at least 40 coordinates and the directions must be word-processed. Once you have created and typed your directions, try to re-create your picture to make sure it works. If there are any problems, fix and try again. Once complete, share with Mr. G.