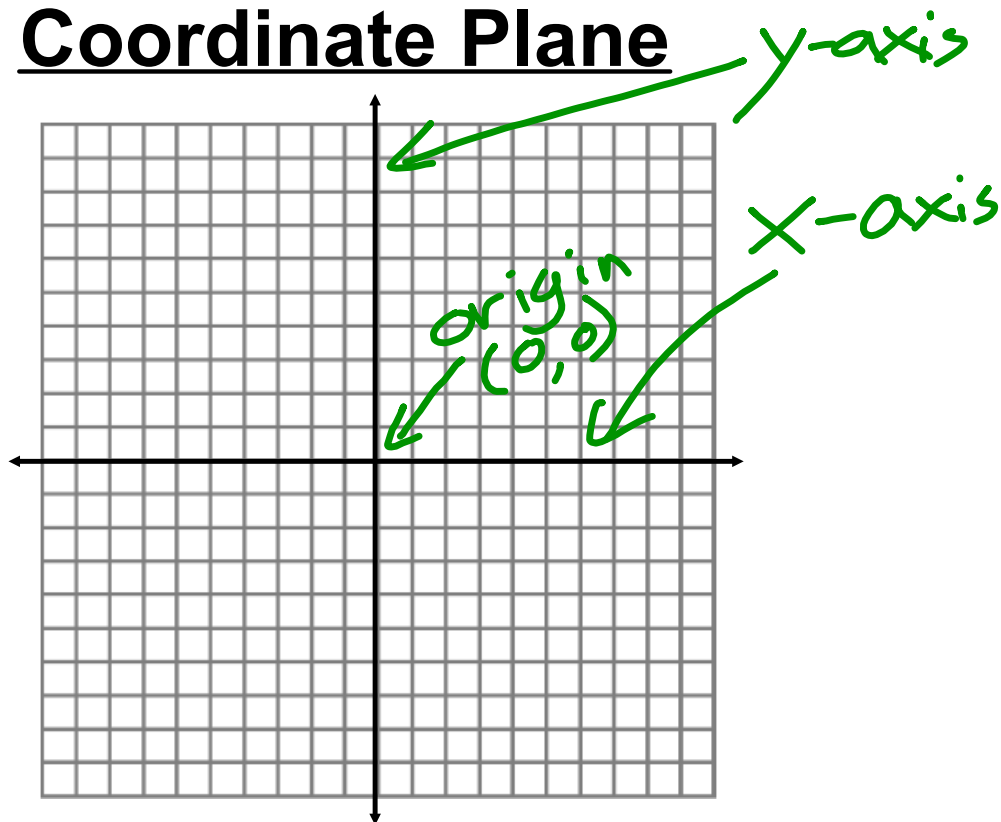
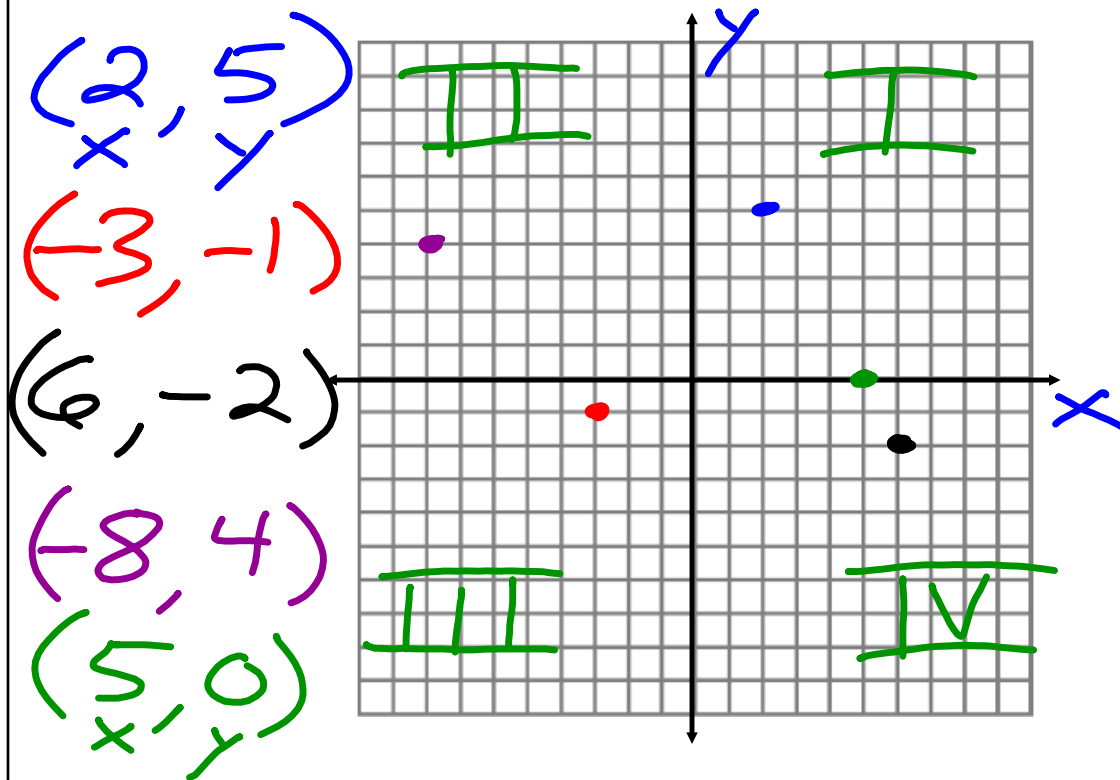
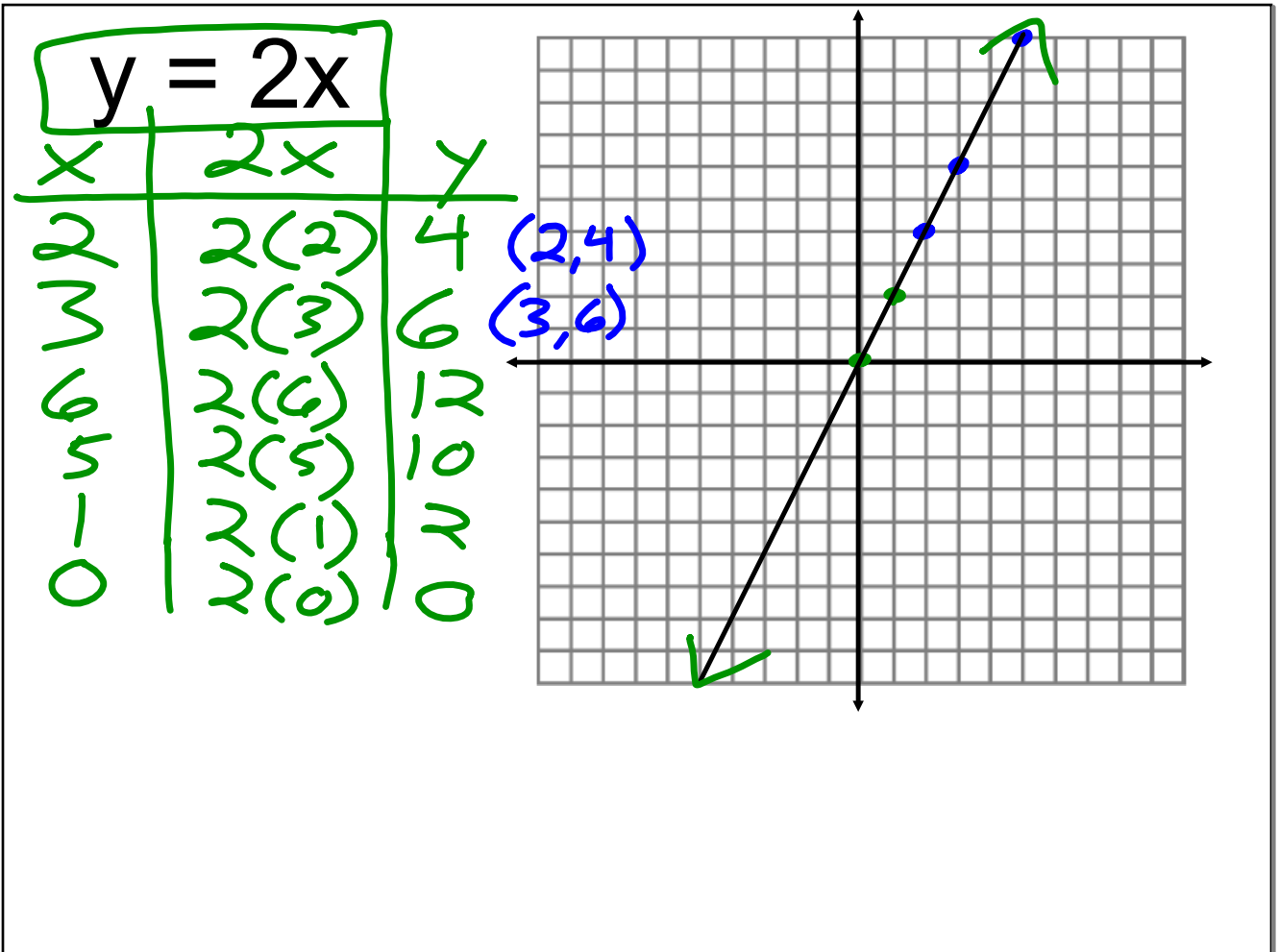


Coordinate Plane



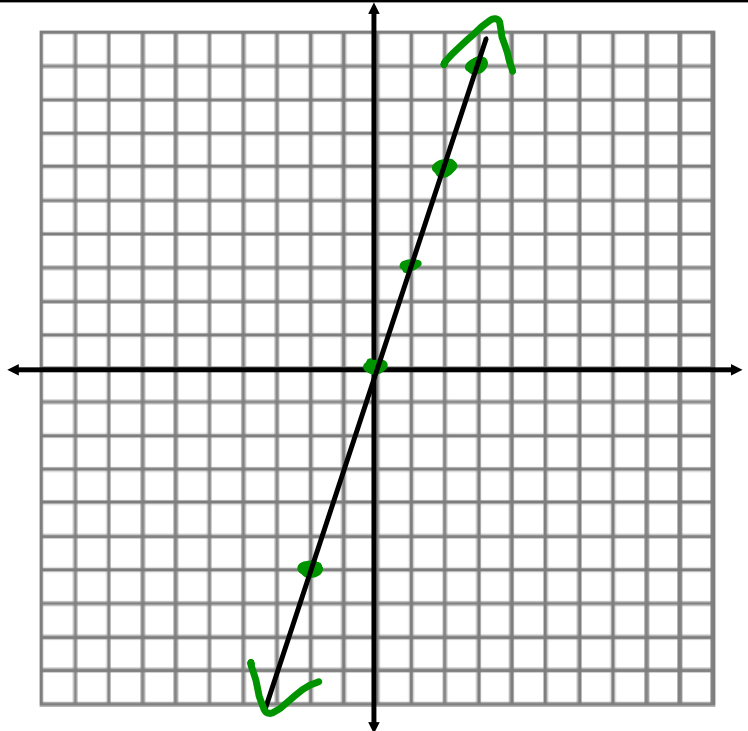
Quadrants & Points





$$y = 3x$$

x	3x	y
2	3(2)	6
3	3(3)	9
4	3(4)	12
0	3(0)	0
-1	3(-1)	-3
-2	3(-2)	-6



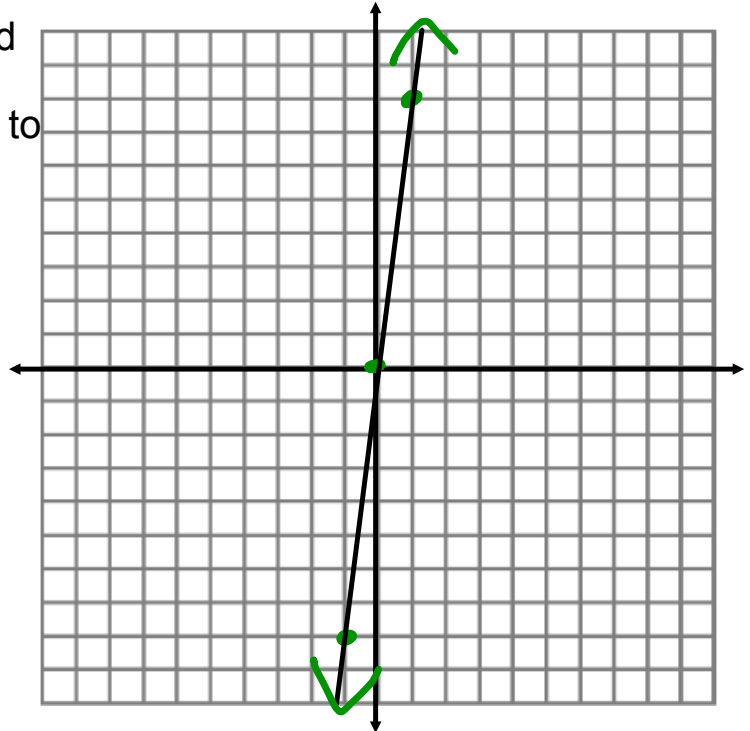
Michelle makes \$8/h. Write and graph a function that compares the number of hours she works to the money she makes.

$$y = 8x$$

total \$

hours

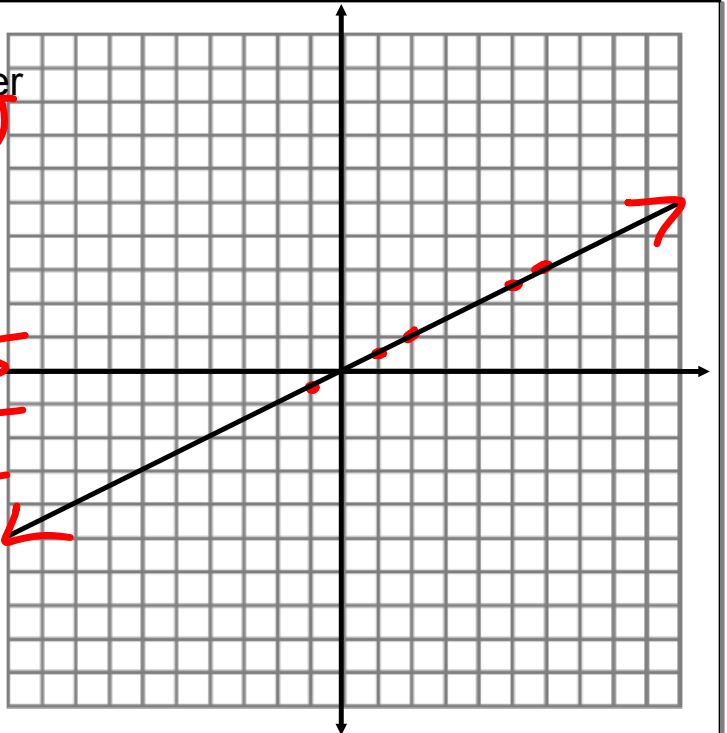
x	8x	y
-1	8(-1)	-8
0	8(0)	0
1	8(1)	8



Apples cost \$0.50 each. Write a function that compares the number of apples purchased to the total cost.

$$y = 0.50x$$

x	$0.5x$	y
-1	$0.5(-1)$	-0.5
-1	$0.5(1)$	0.5
5	$0.5(5)$	2.5
2	$0.5(2)$	1
6	$0.5(6)$	3



Write and graph functions for the following situations.

1) Cheddar cheese costs \$4/lb.

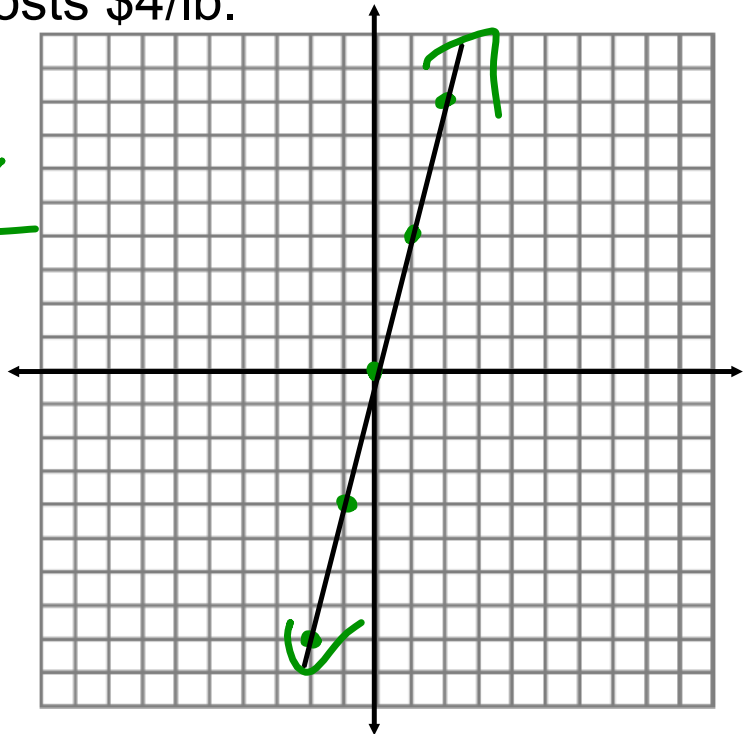
2) Elise runs 1.5mi per day.

3) Jack is running at a speed of 4.2m/s.

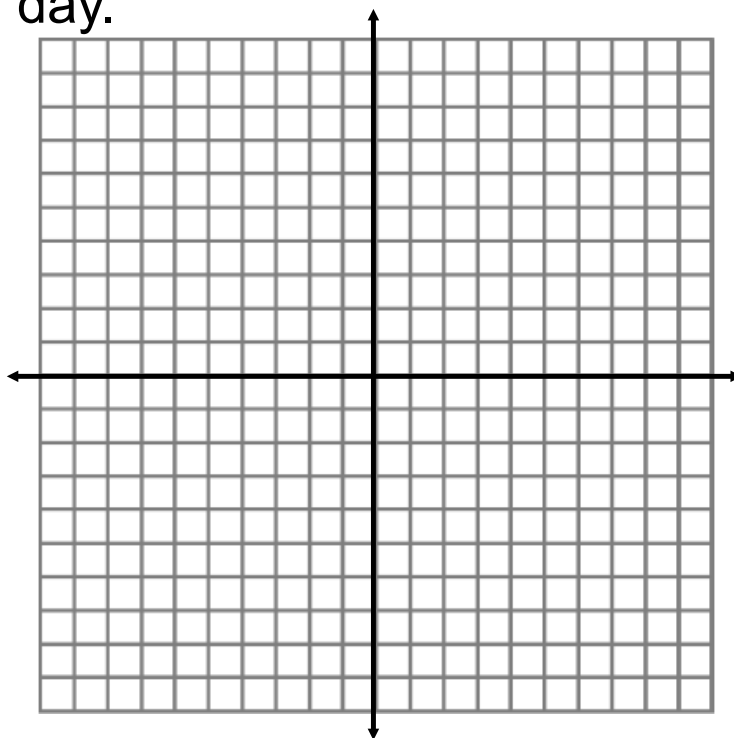
1) Cheddar cheese costs \$4/lb.

$$y = 4x$$

x	4x	y
0	4(0)	0
1	4(1)	4
2	4(2)	8
-1	4(-1)	-4
-2	4(-2)	-8



2) Elise runs 1.5mi per day.



3) Jack is running at a speed of 4.2m/s.

