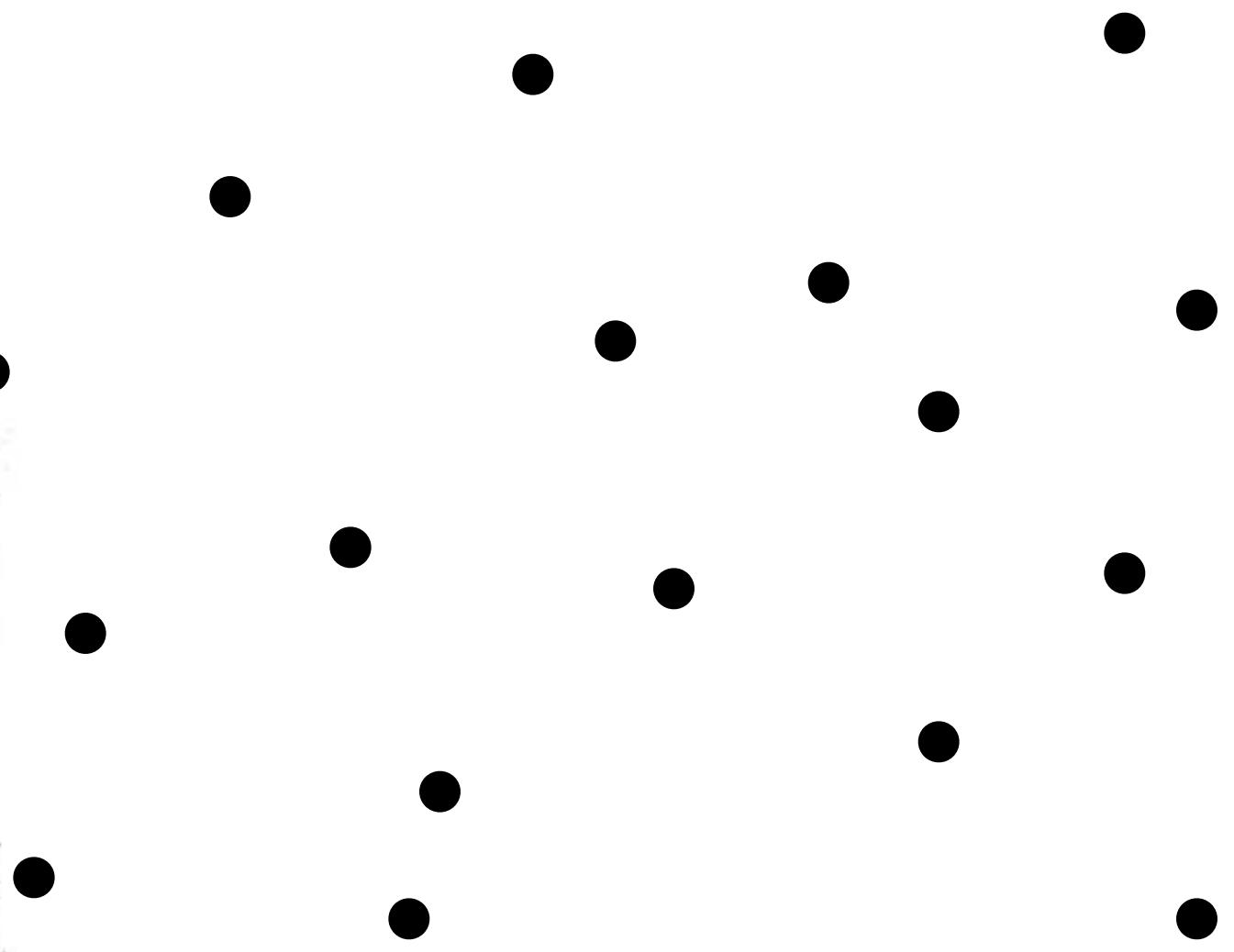


1.5 Graphing Ratio Tables and the Coordinate Plane

*Objective: To graph ordered pairs from a ratio
table*







A

B

E

F

G

H

J

K

L

X

M

N

P

Q

R

V

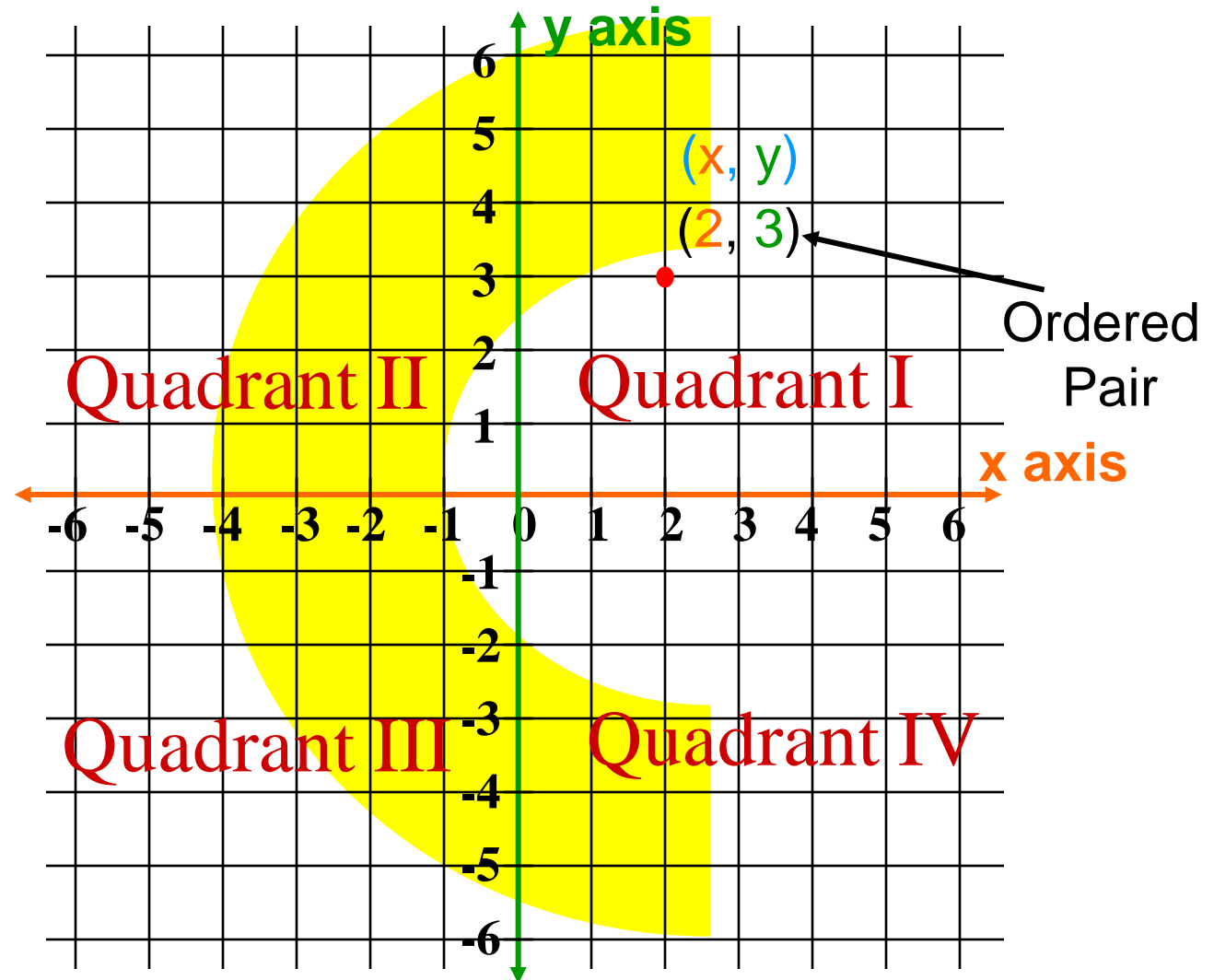
U

T

S

Coordinate Plane

Coordinate Plane – is formed by placing two number lines that intersect at a right angle



Ordered Pair

Ordered Pair – each point in the coordinate graph

(X, Y)

x-coordinate – the **first** value in the ordered pair

y-coordinate – the **second** value in the ordered pair

To plot a point:

Step 1: Identify the **x value** and move from the origin (0,0) to the right if positive, left if negative

Step 2: Identify the **y value** and move up if positive, down if negative

Step 3: Plot your point

Don't forget to label your axis!

Examples

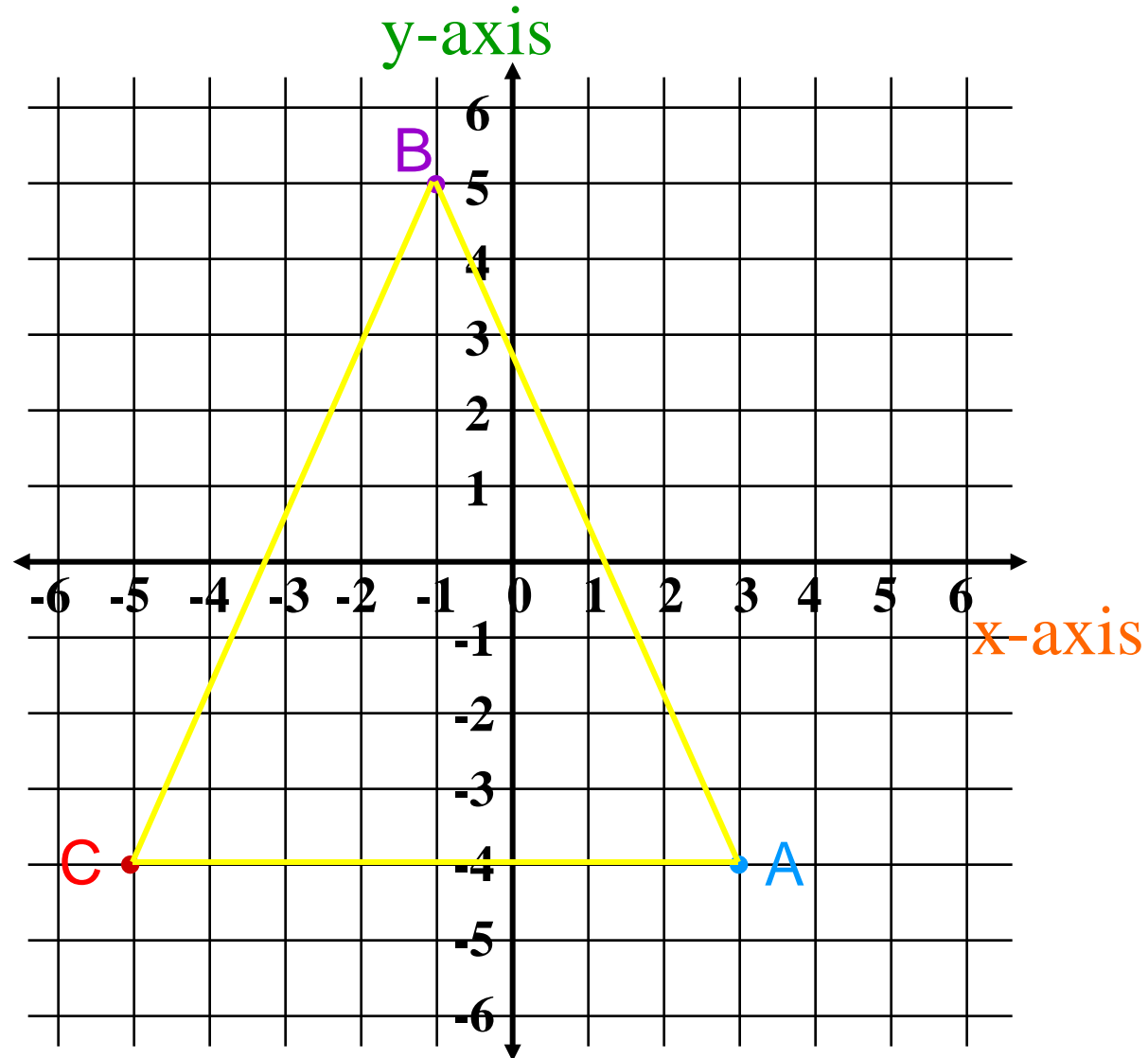
Plot the ordered pairs and connect each point:

A (3, -4)

B (-1, 5)

C (-5, -4)

A (3, -4)



Examples

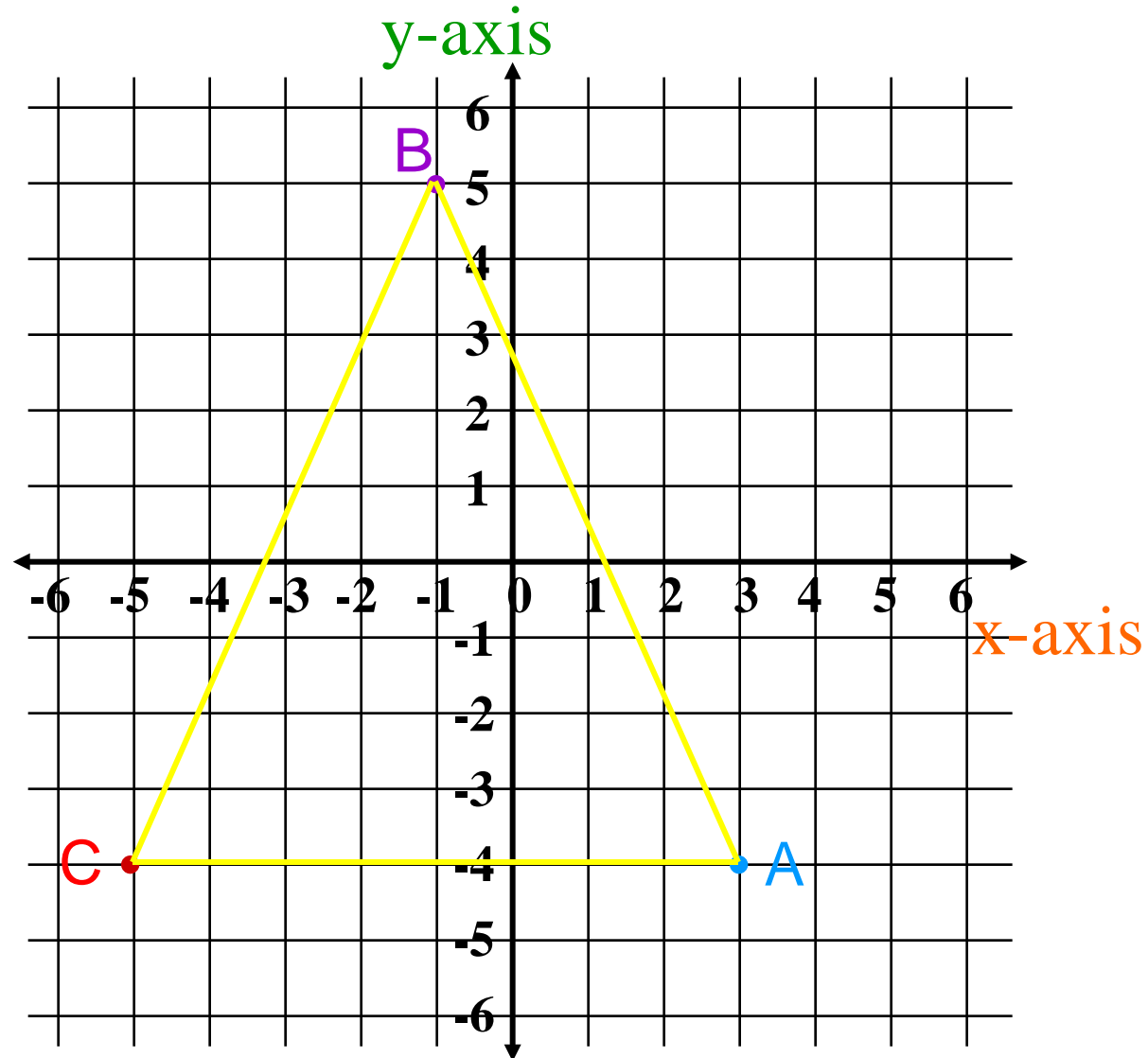
Plot the ordered pairs and connect each point:

A (3, -4)

B (-1, 5)

C (-5, -4)

A (3, -4)



Hours x	Dollars Earned y	Ordered Pair (x,y)
1	5	$(1,5)$
2	10	$(2,10)$
3	15	$(3,15)$
5	25	$(5,25)$
10	50	$(10,50)$

