Wednesday March 31

Today we will be working on the coordinate plane again.

But first we will look at some division facts and try to connect that with our divisibility rules.

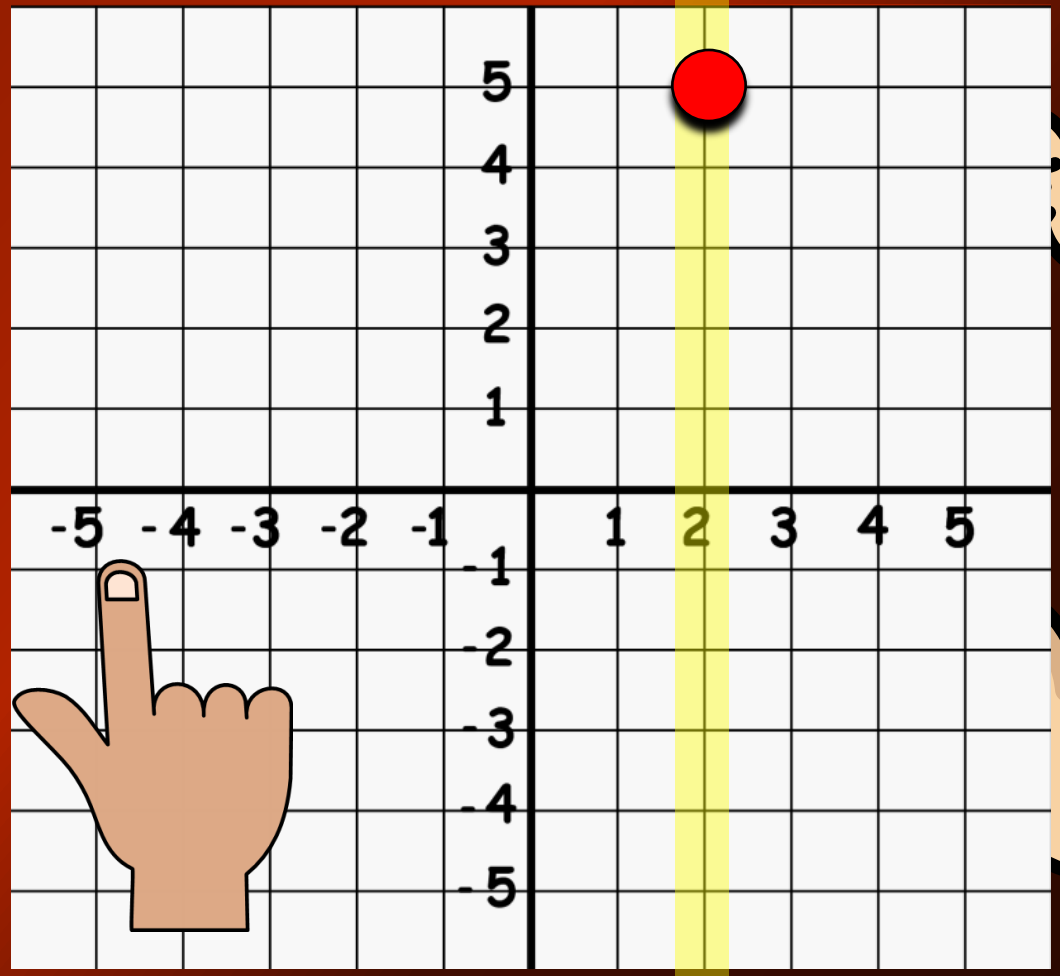
Take out your coordinate plane grids.

The coordinate plane

To find the point.

Run your finger along the x-axis until you find your first number.

Then think about the line and find the second number.



(2,5)

I will name a point.

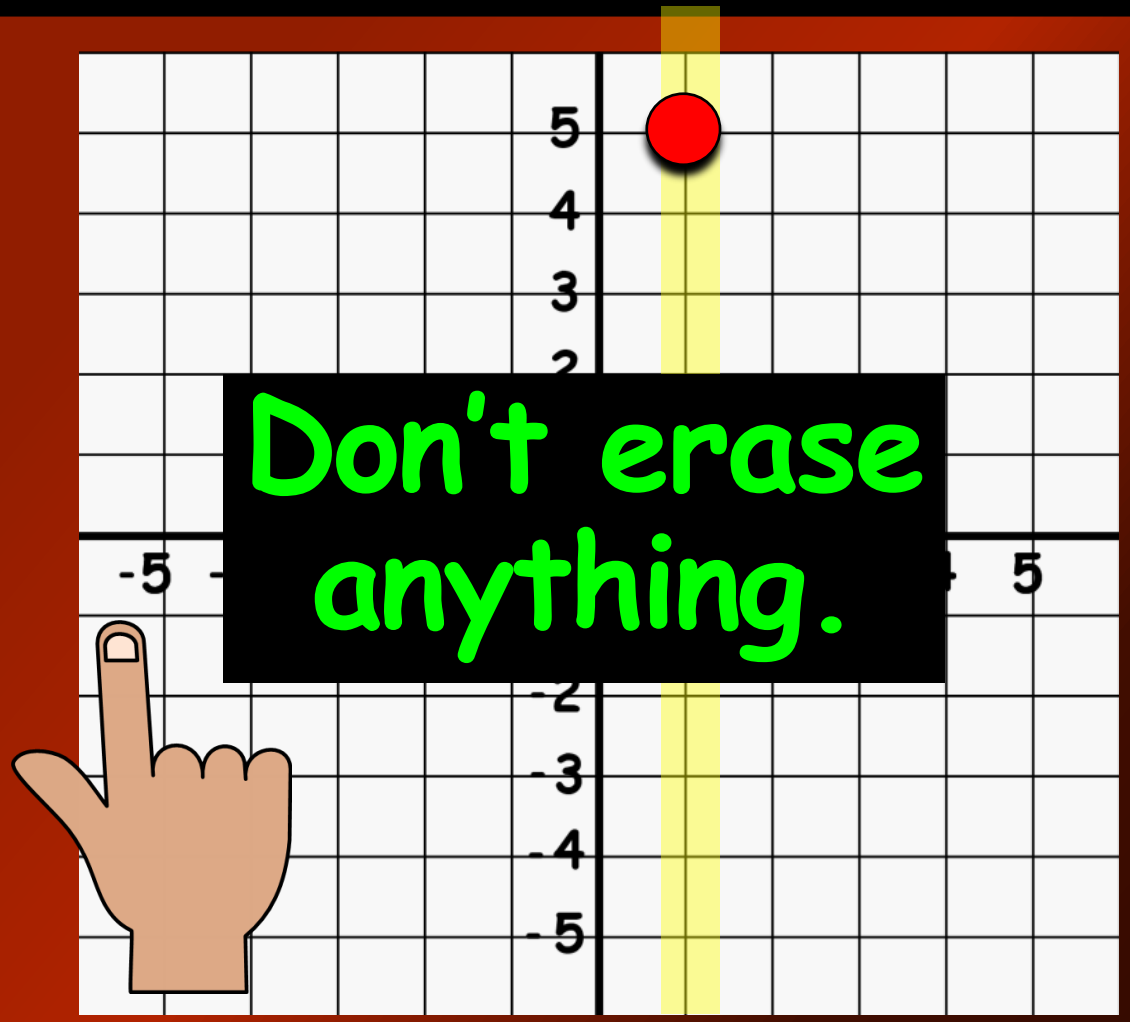
You mark it and then show me.

Do not erase anything until I tell you to.

(1, 5)

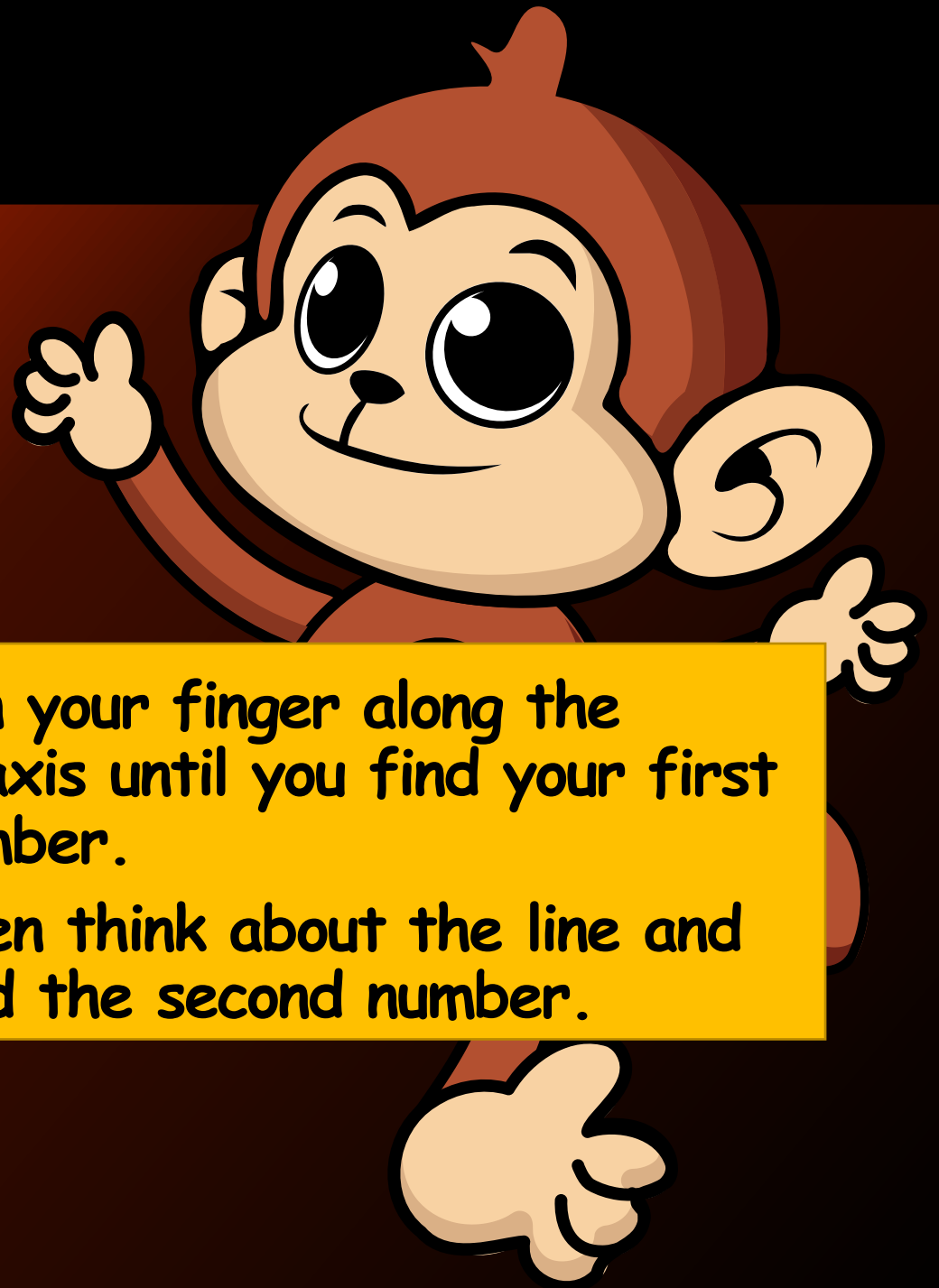
Mark it and show me.

The coordinate plane



Don't erase anything.

(1,5)



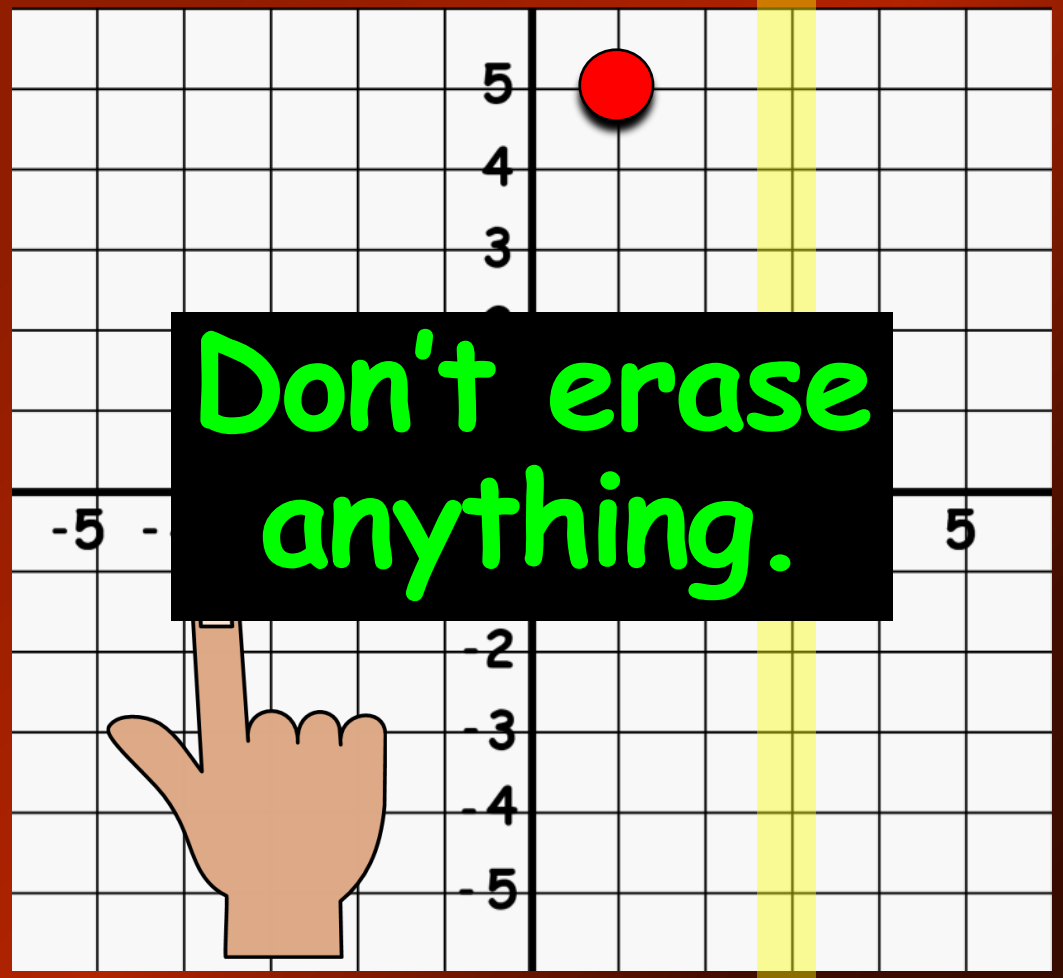
Run your finger along the x-axis until you find your first number.

Then think about the line and find the second number.

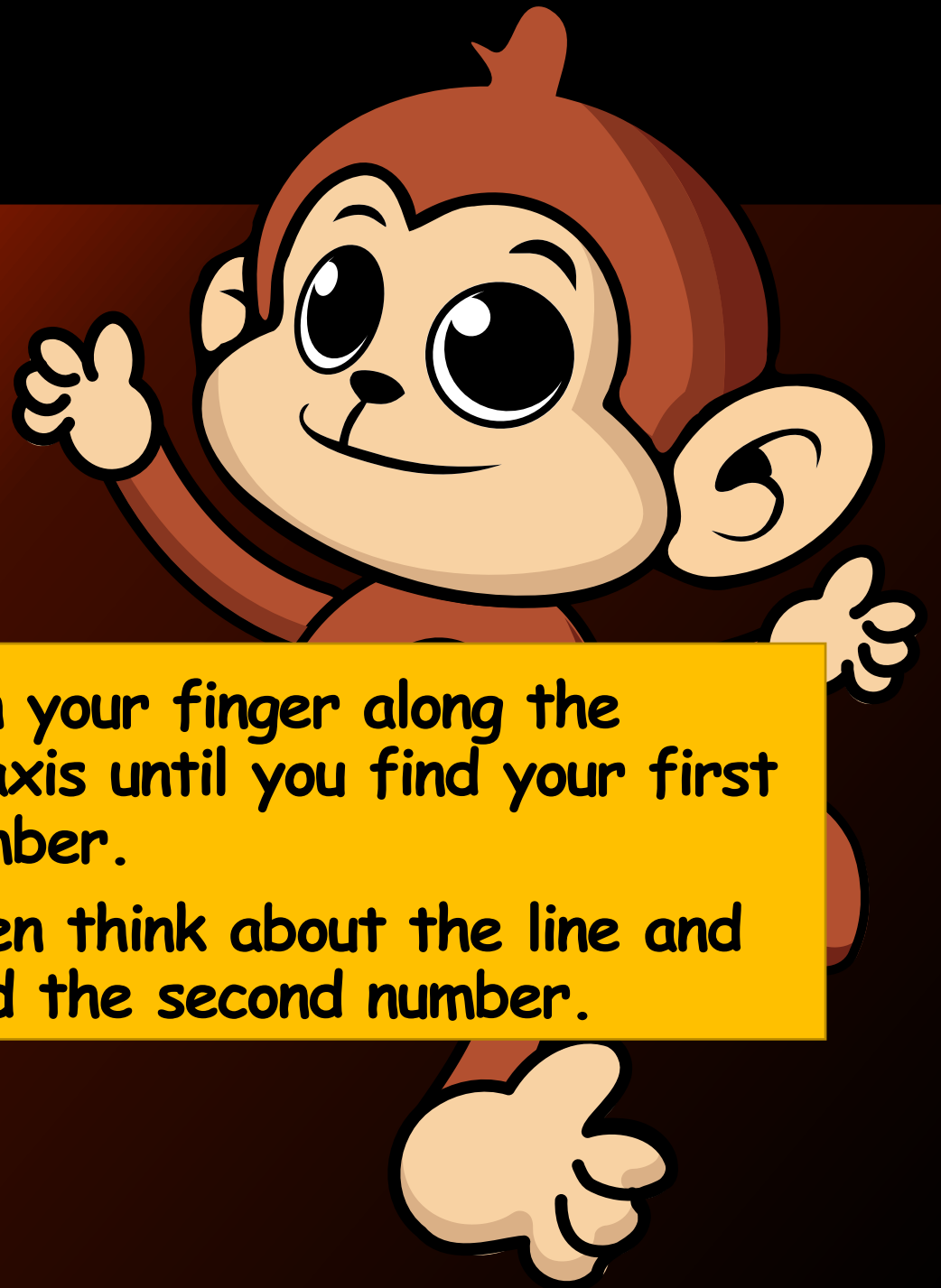
(3, 1)

Mark it and show me.

The coordinate plane



(3,1)



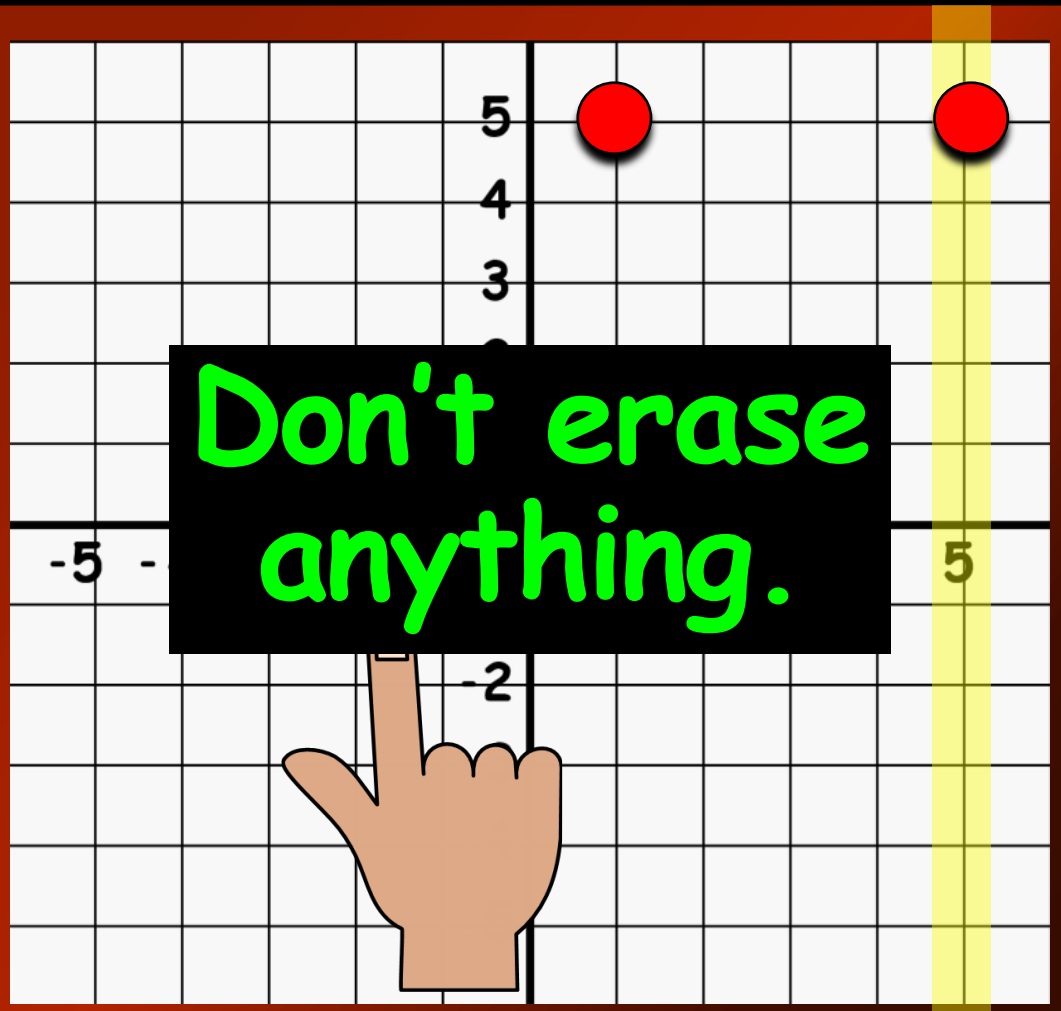
Run your finger along the x-axis until you find your first number.

Then think about the line and find the second number.

(5,5)

Mark it and show me.

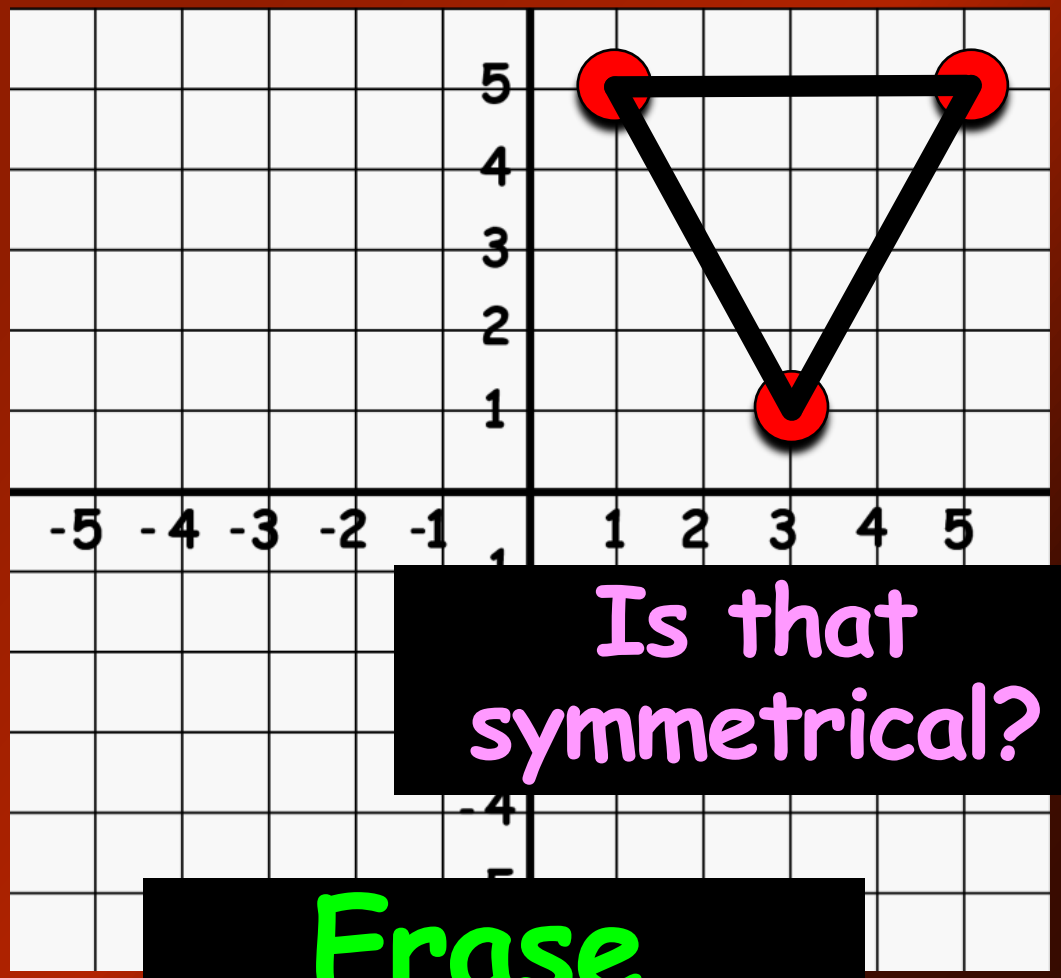
The coordinate plane



(5,5)

Connect all of your points.

The coordinate plane



Is that symmetrical?

Erase.

I will name a point.

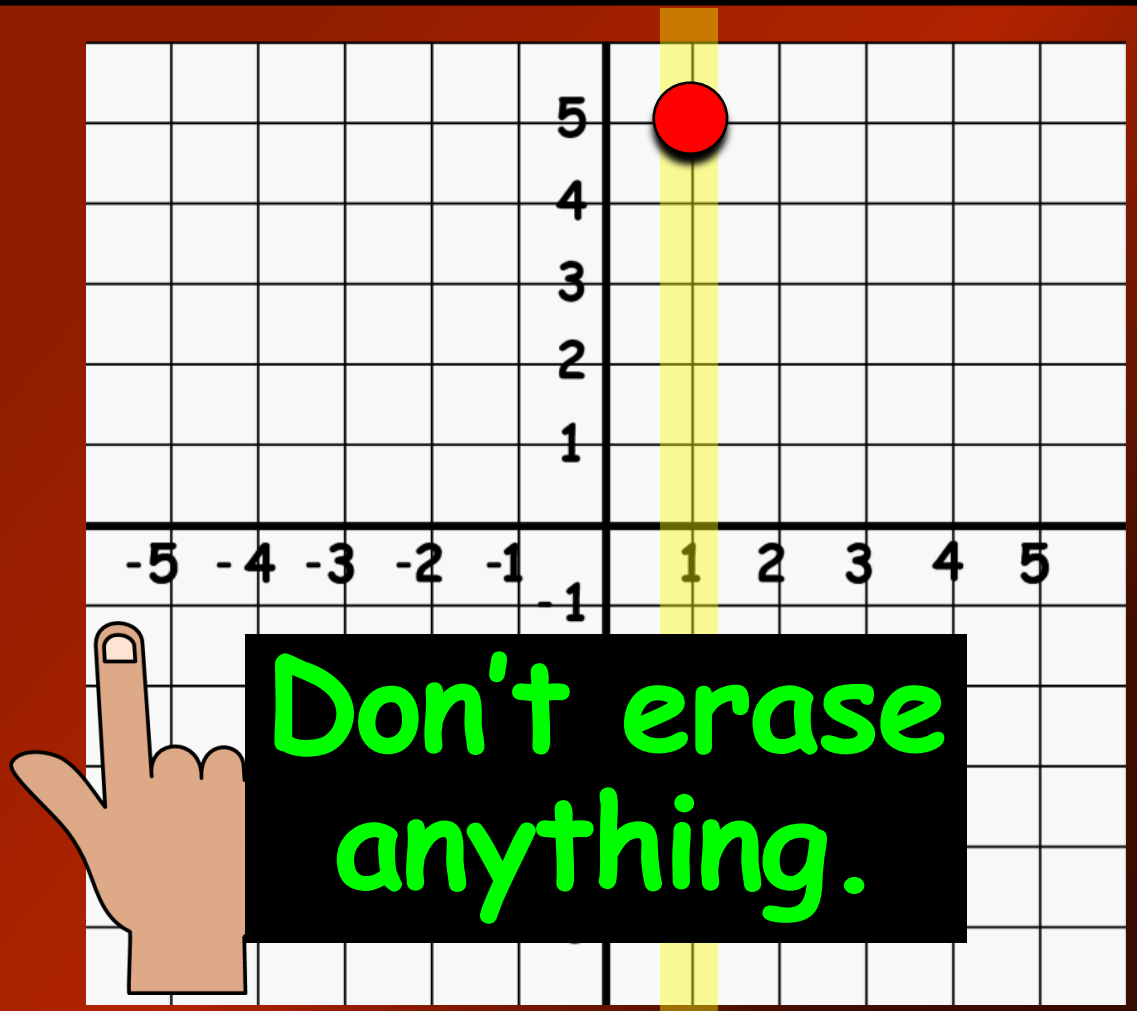
You mark it and then show me.

Do not erase anything until I tell you to.

(1, 5)

Mark it and show me.

The coordinate plane

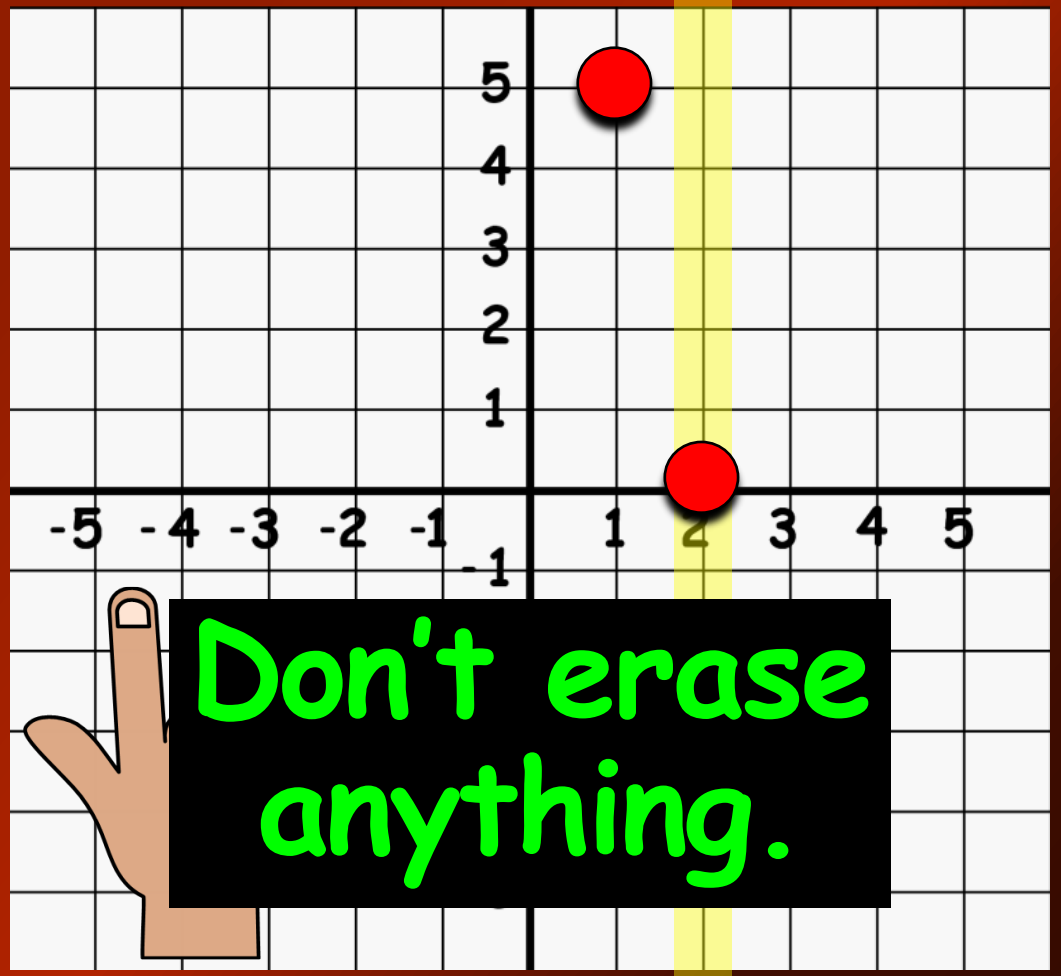


(1,5)

(2, 0)

Mark it and show me.

The coordinate plane

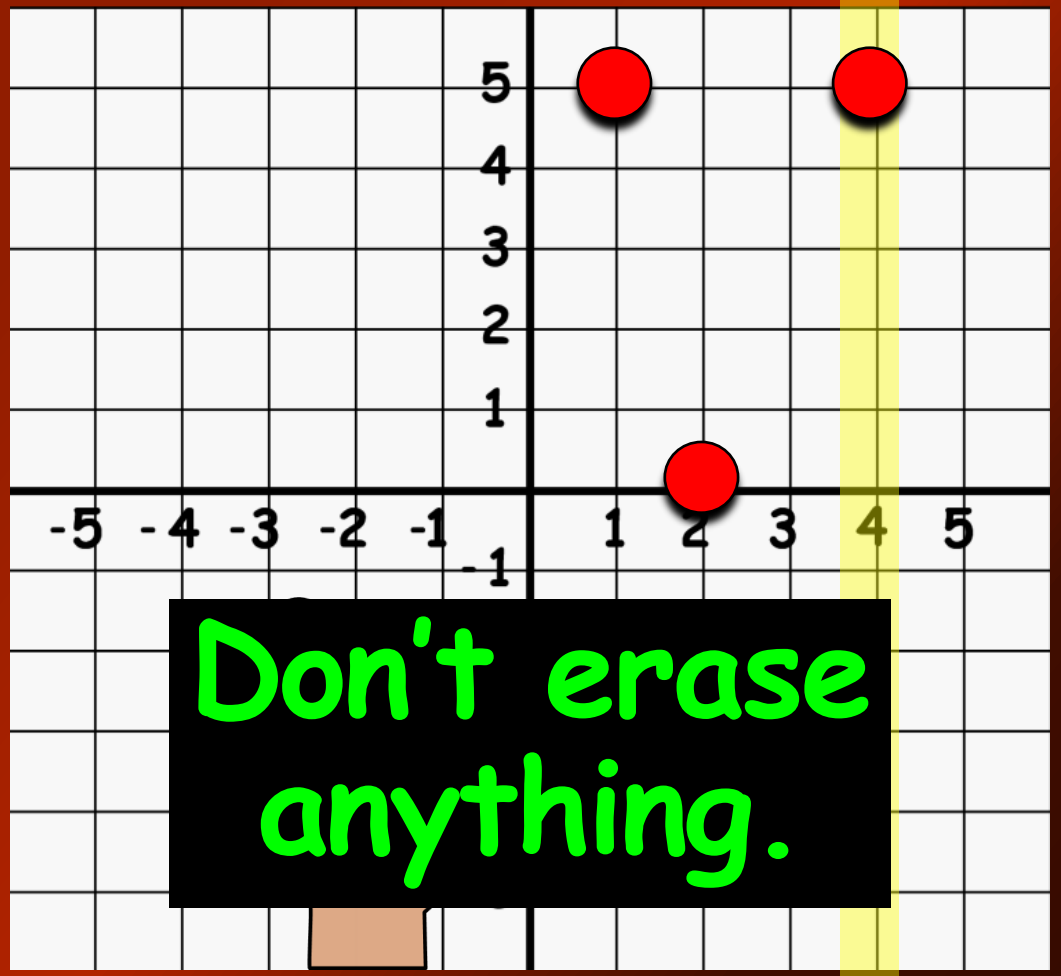


(2,0)

(4,5)

Mark it and show me.

The coordinate plane

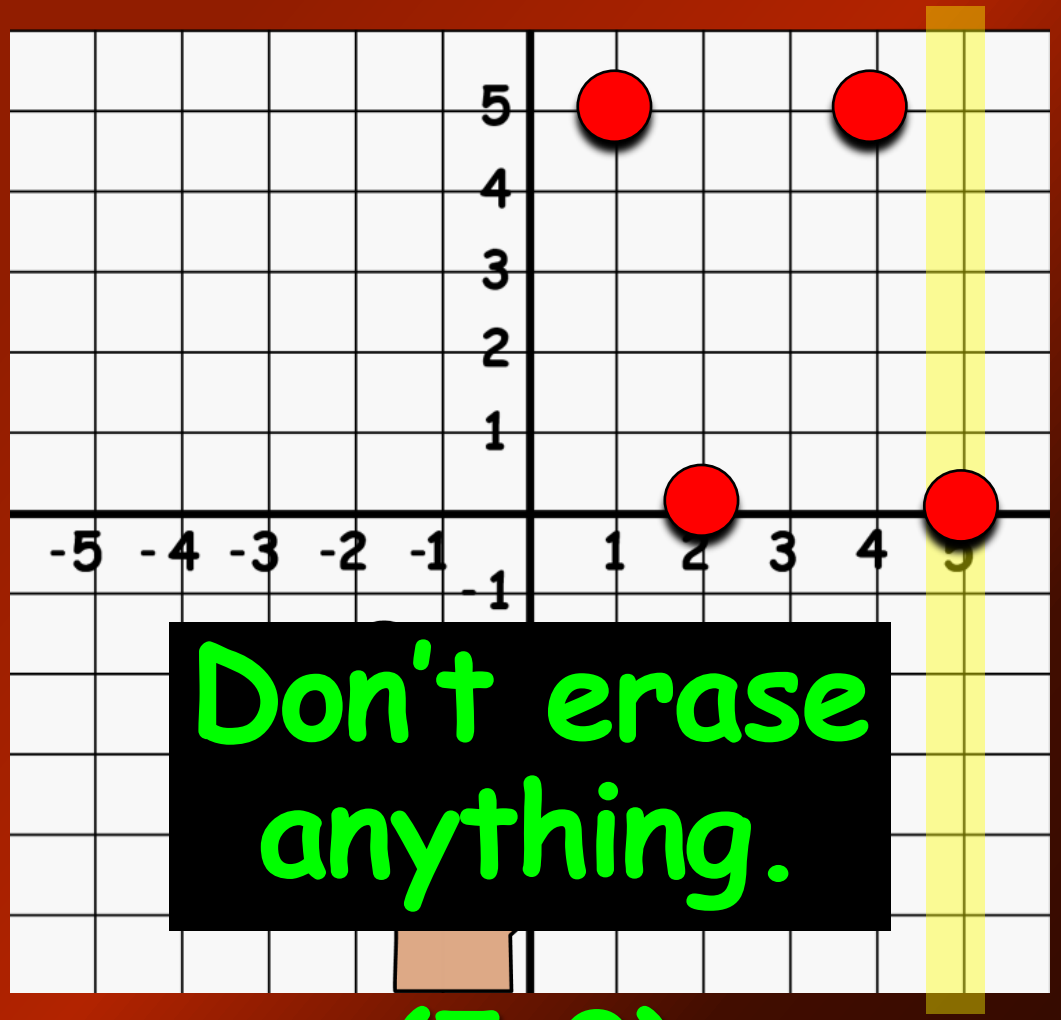


(4,5)

(5, 0)

Mark it and show me.

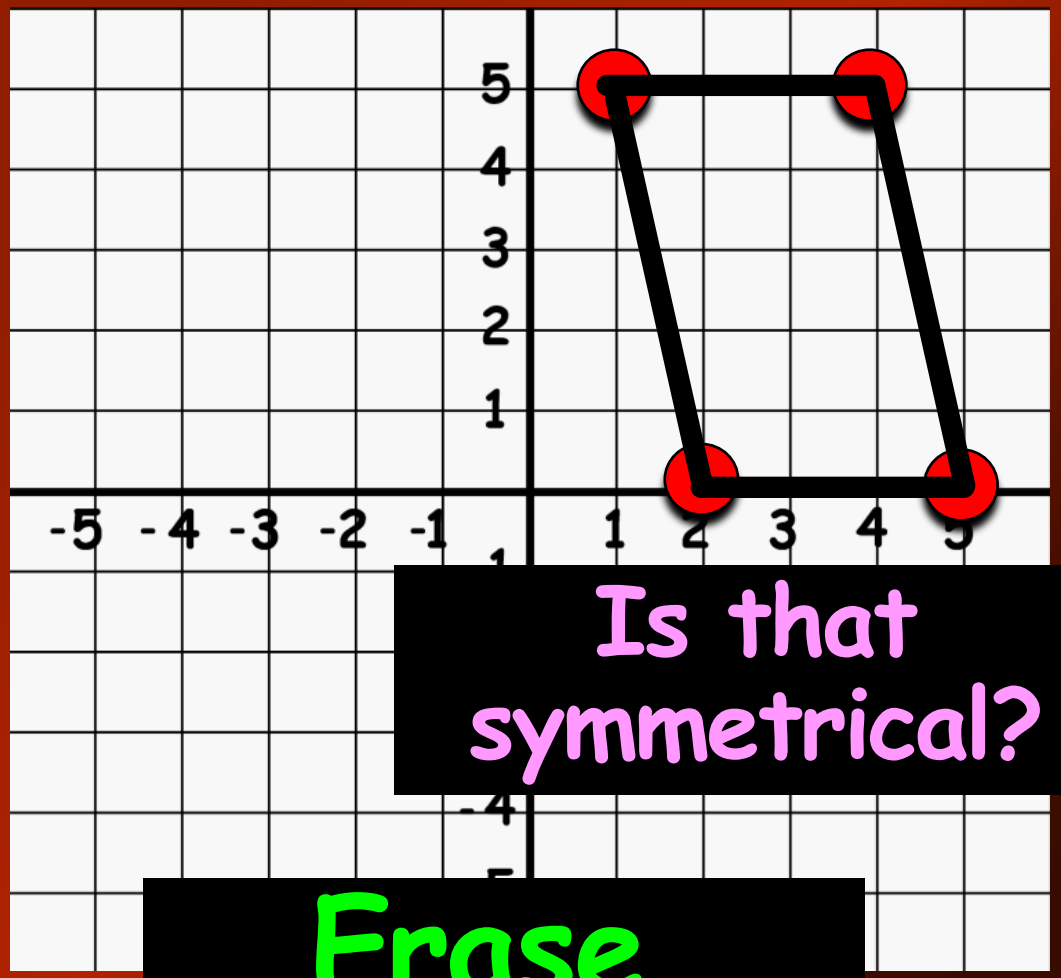
The coordinate plane



(5,0)

Connect all of your points.

The coordinate plane



Is that symmetrical?

Erase.

I will name a point.

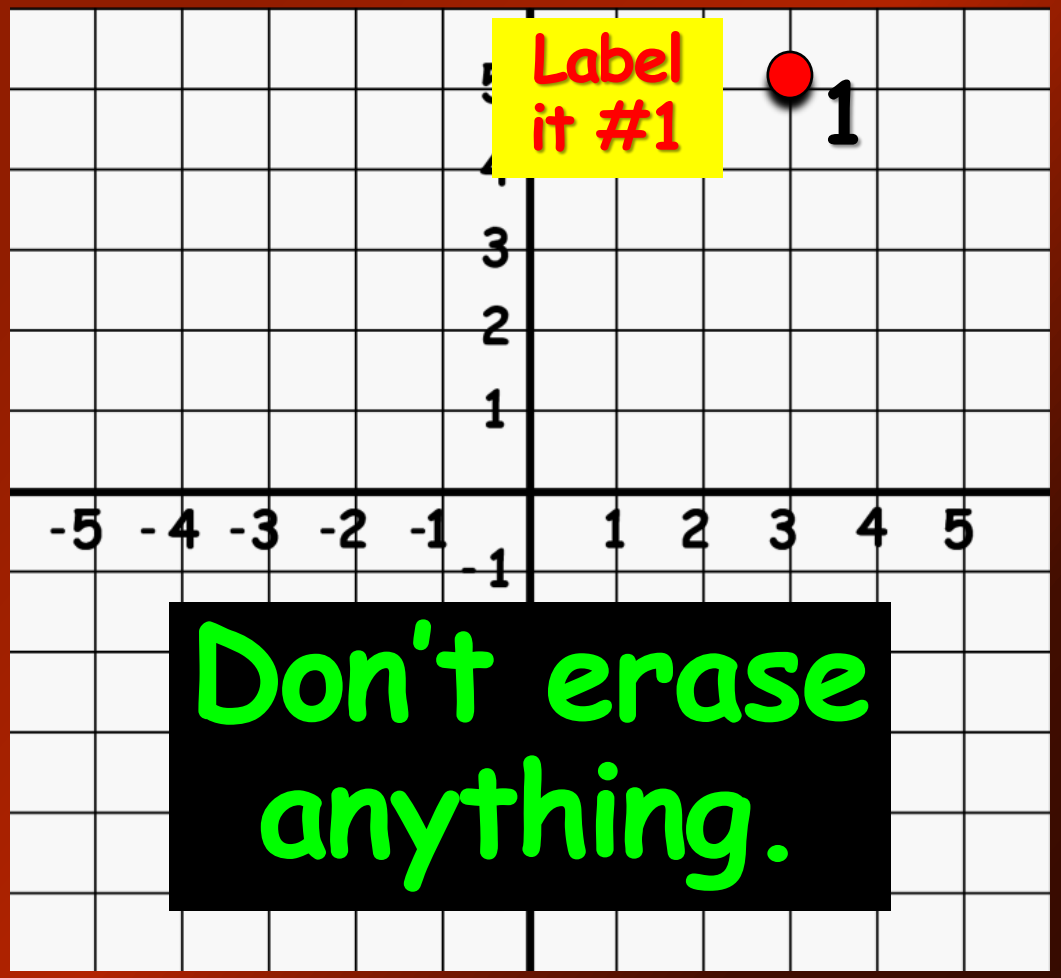
You mark it and then show me.

Do not erase anything until I tell you to.

(3,5)

Mark it and show me.

The coordinate plane

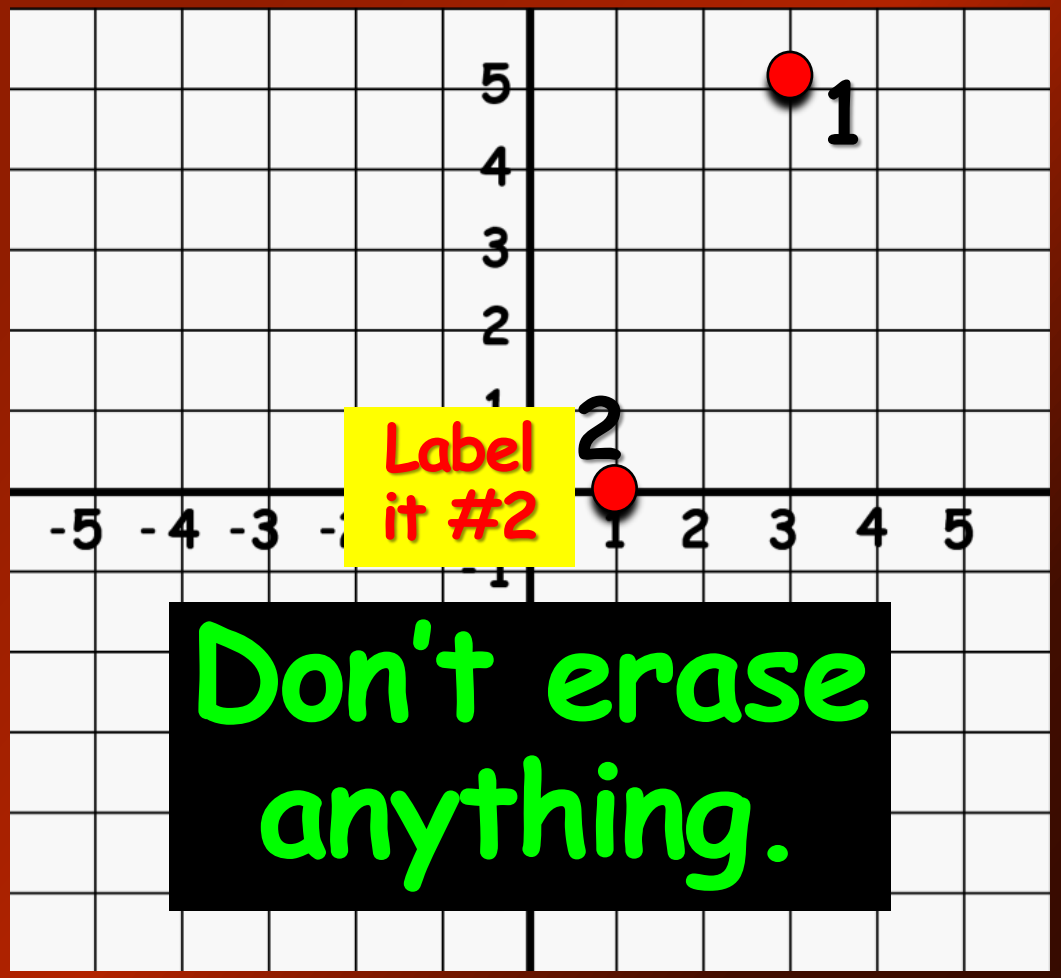


(3,5)

(1, 0)

Mark it and show me.

The coordinate plane

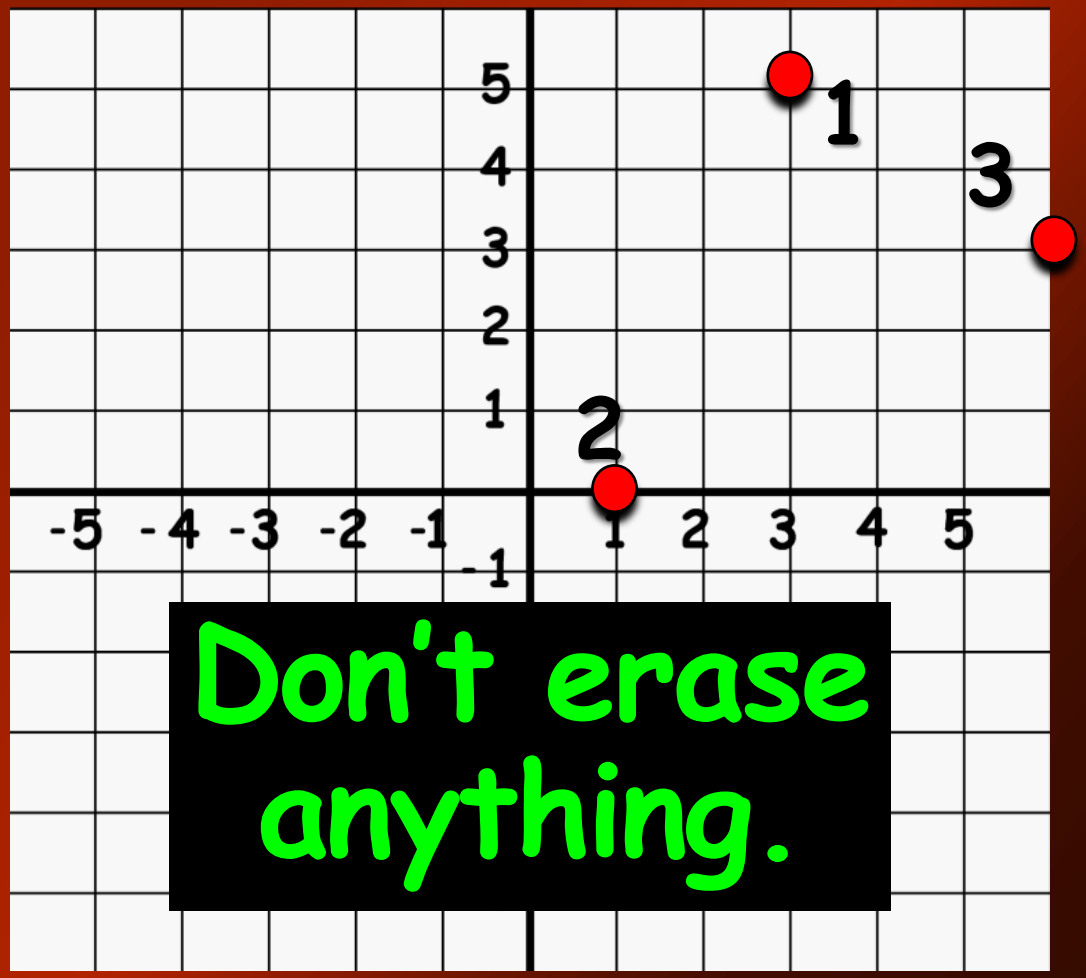


(1,0)

(6,3)

Mark it and show me.

The coordinate plane

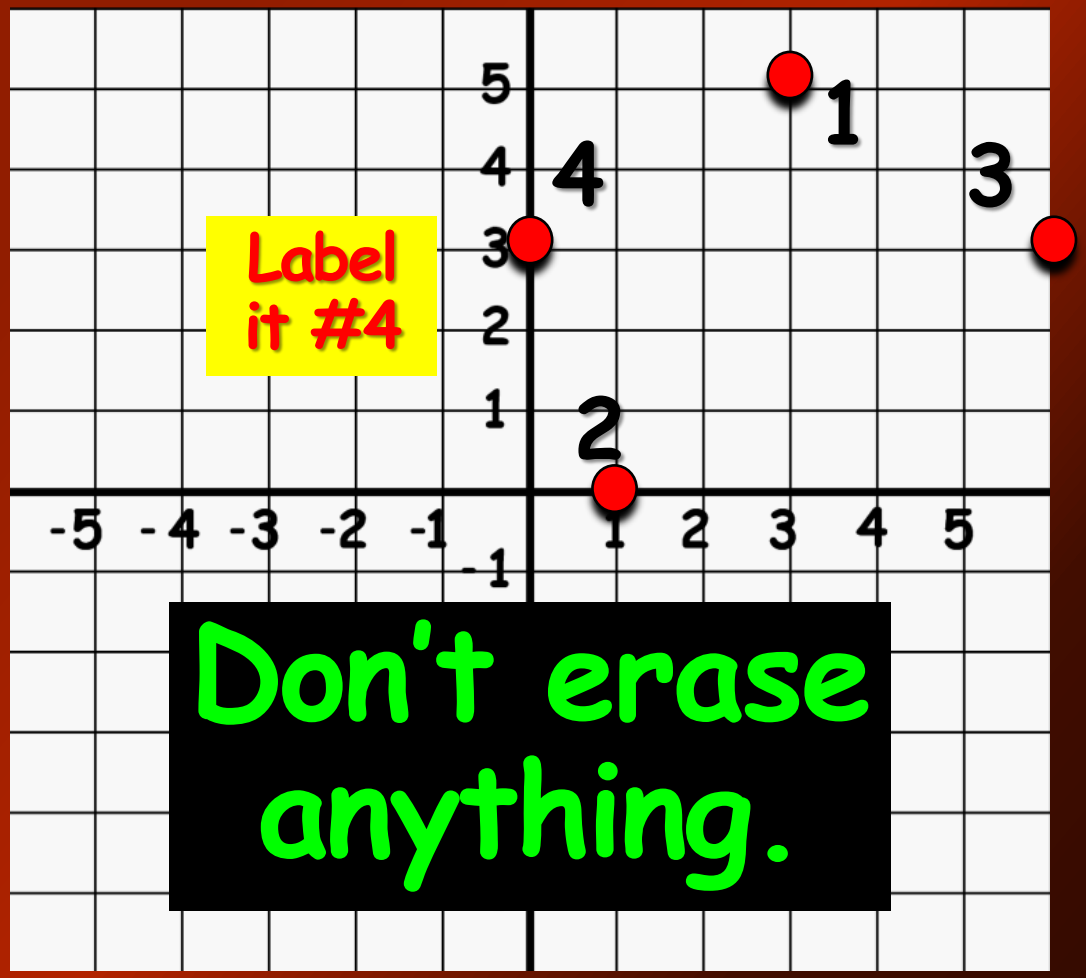


(6,3)

(0,3)

Mark it and show me.

The coordinate plane

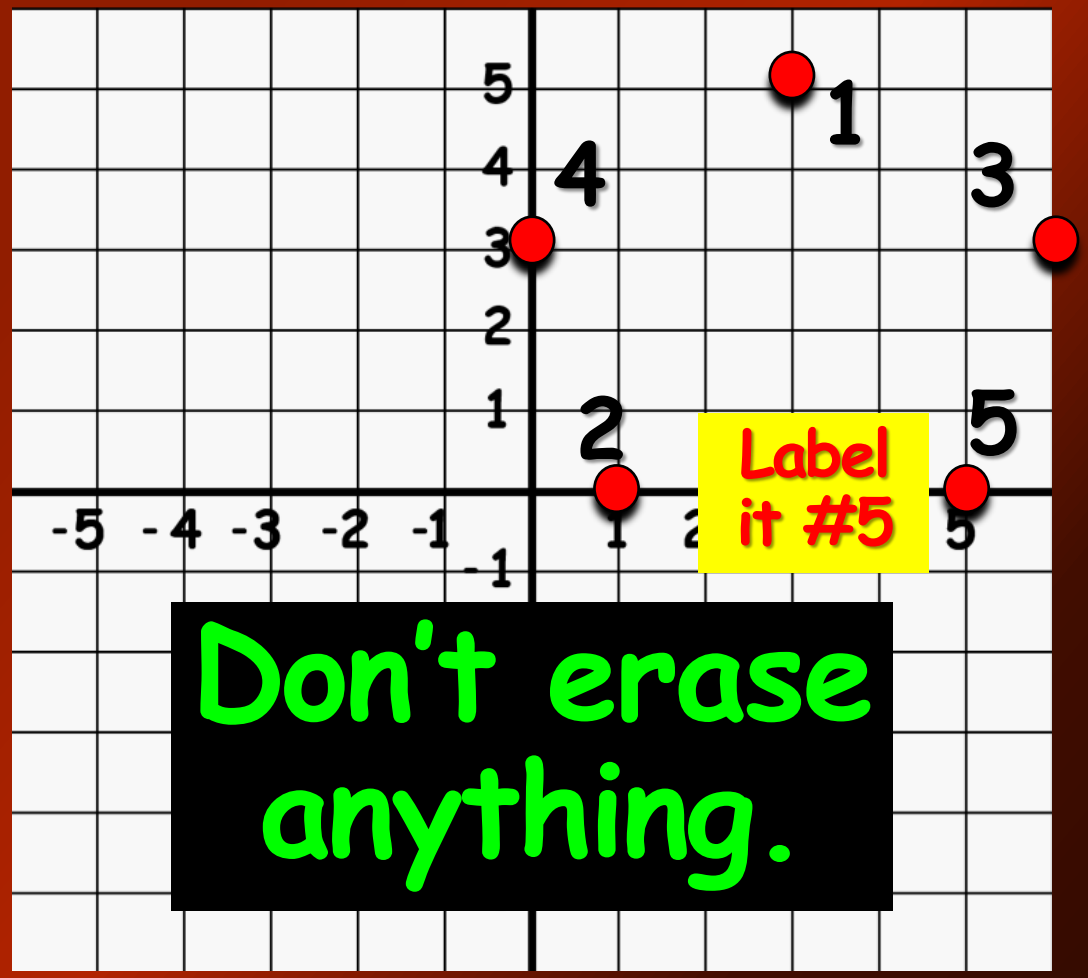


(0,3)

(0,5)

Mark it and show me.

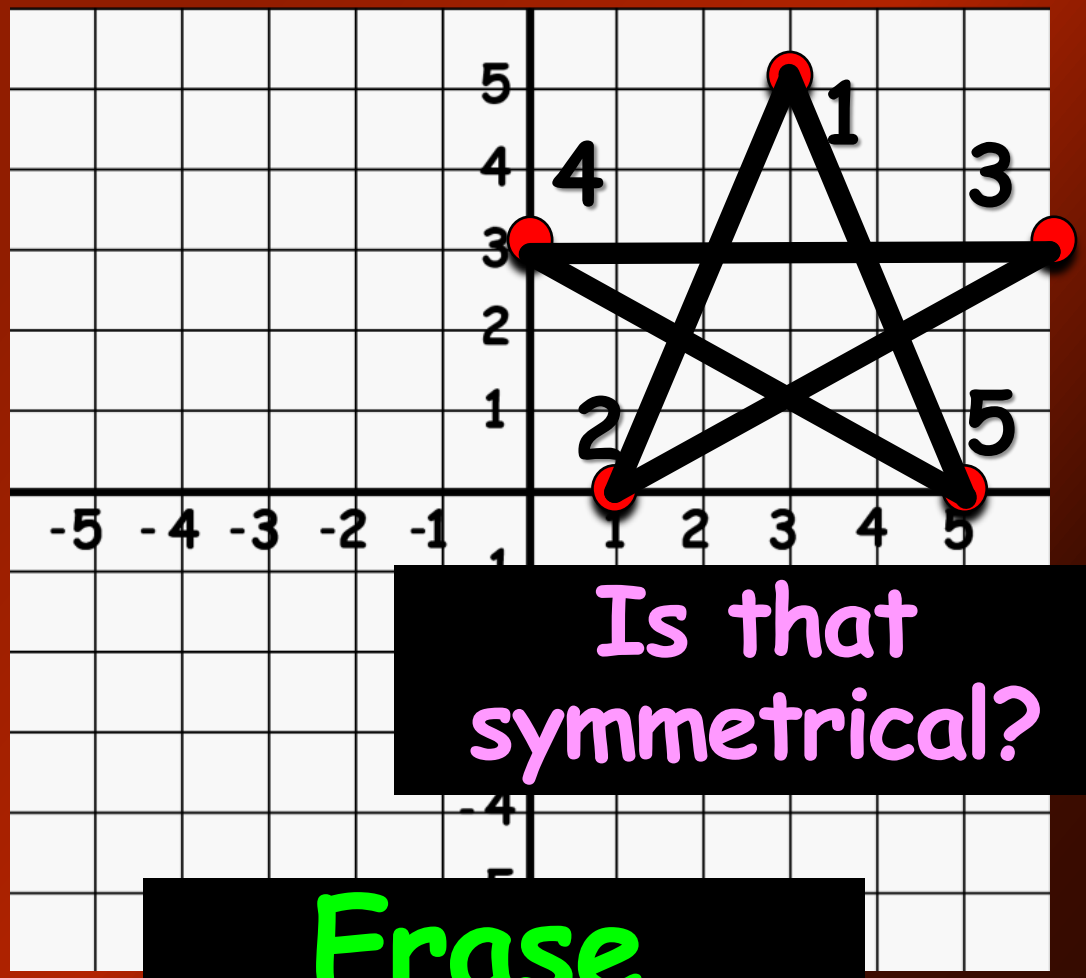
The coordinate plane



(0,5)

Connect all of your points in number order.

The coordinate plane



Is that symmetrical?

Erase.

Puzzle piece today.

Division practice.

Divisibility rules!

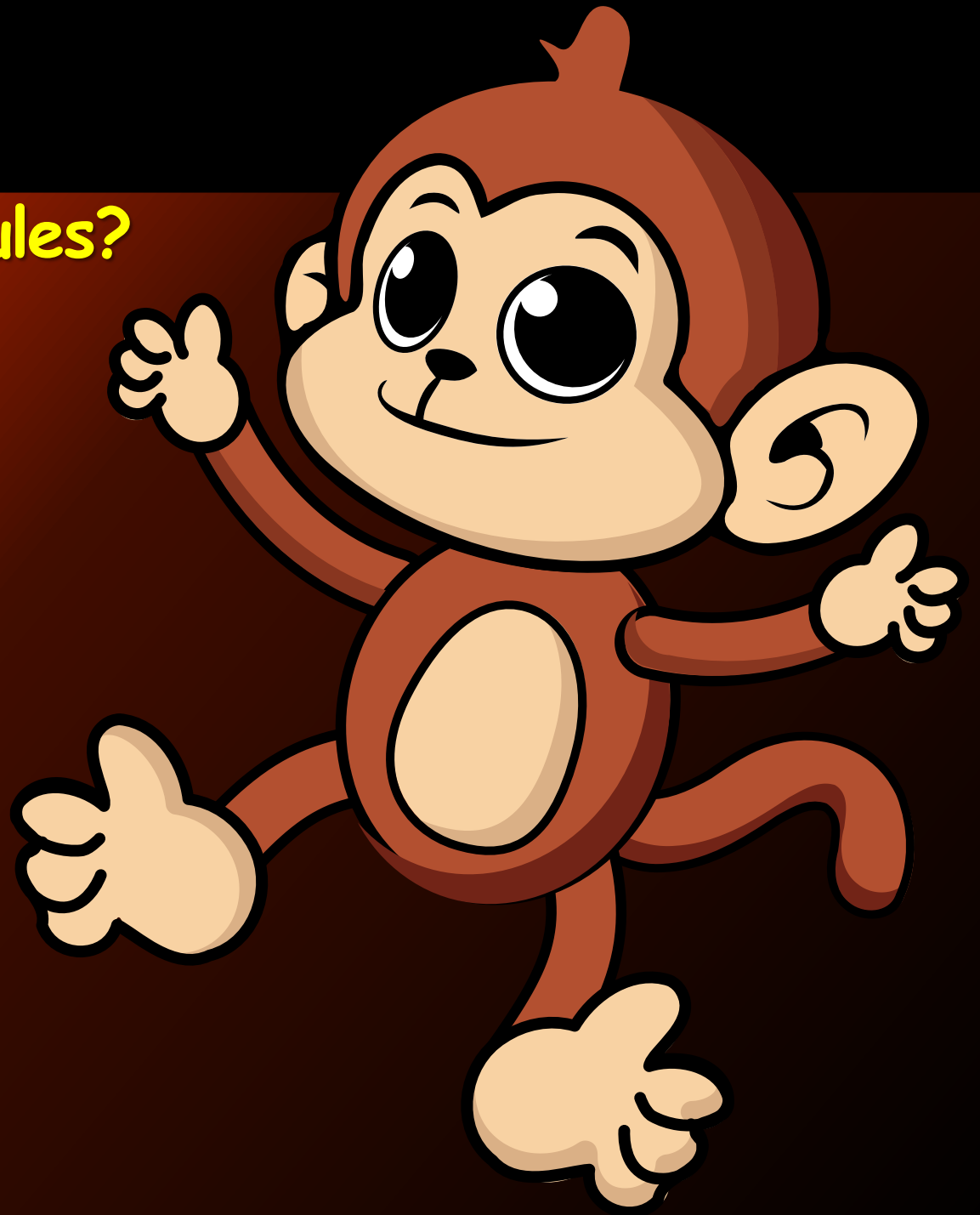
Do you remember your divisibility rules?

If it's

Even

You can divide by

2



Divisibility rules!

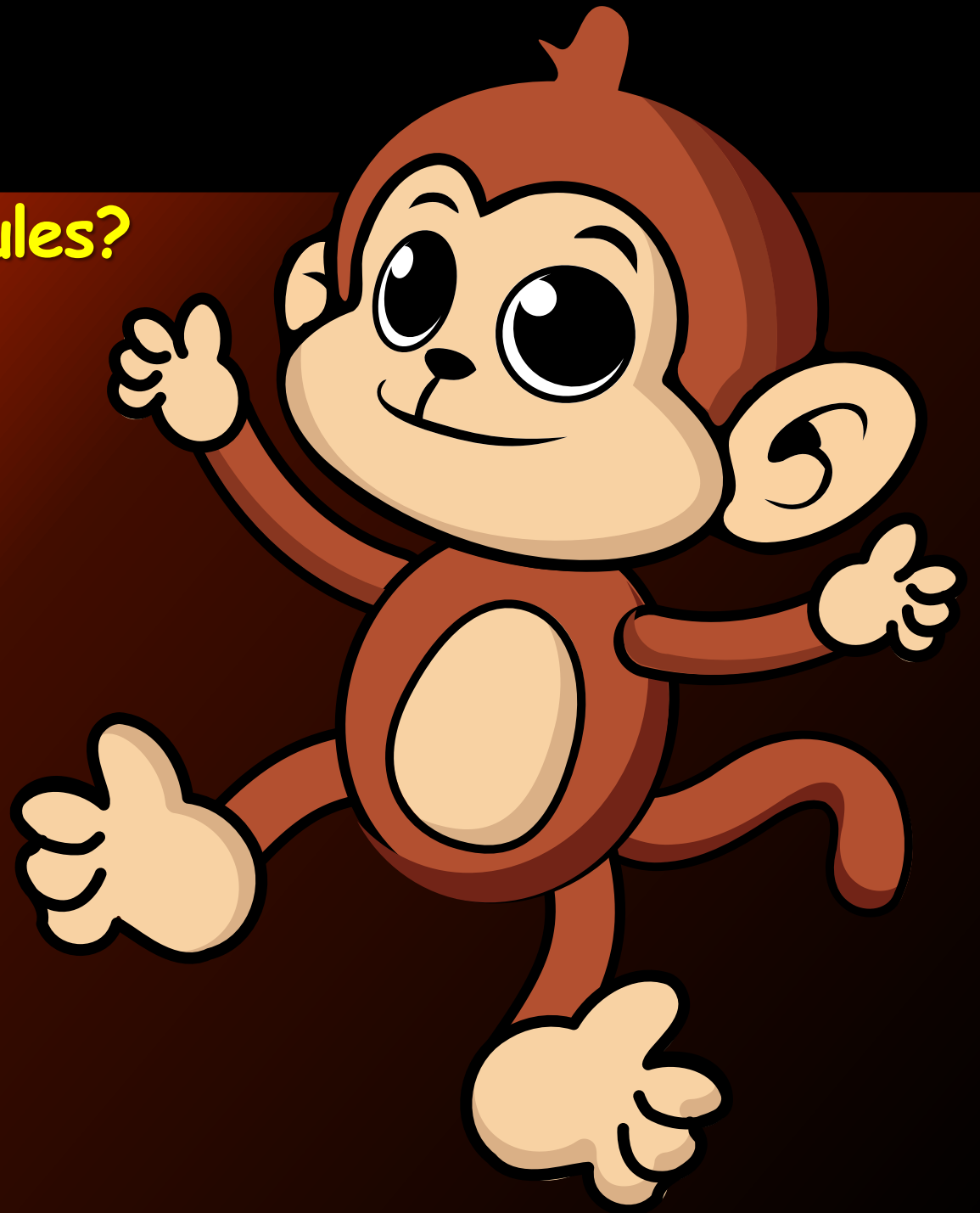
Do you remember your divisibility rules?

If it ends in

0 or 5

You can divide by

5



Start with 2.
Is it even?
Try 5
Ends in?
2 too low
Skip count
in 5s
5 is too high

7x2= 14

7x3= 21
(add 7)

7x4= 28
(add 7)

$$28 \div 7 = 4$$

Start with 2.
Is it even?
Try 5
Ends in?
2 too low
Skip count in 5s
5 close

4x5= 20

4x6= 24
(add 4)

$$24 \div 4 = 6$$

Start with 2.
Is it even?
Try 5
Ends in?
2 too low
5 also too low
But I can skip count in 5s...
7x5= 35
7x6= 42
(add 7)
7x7= 49
(add 7)
7x8= 56
(add 7)

$$56 \div 7 = 8$$

Start with 2.

Is it even?

Try 5

Ends in?

4x5= 20

$$20 \div 4 = 5$$

Sometimes you get lucky and you can simply skip count an answer.

2s are very skip countable.

$$16 \div 2 = 8$$

Sometimes you get lucky and you can simply skip count an answer.

2s are very skip countable.

$$\begin{array}{r} 12 \\ \div\ 2 \\ \hline 6 \end{array}$$

Sometimes you get lucky and you can simply skip count an answer.

2s are very skip countable.

$$\begin{array}{r} 18 \\ \div\ 2 \\ \hline 9 \end{array}$$

Sometimes you get lucky, and you can simply skip count an answer.

5s are very skip countable.

$$35 \div 5 = 7$$

Sometimes you get lucky, and you can simply skip count an answer.

5s are very skip countable.

$$\begin{array}{r} 25 \\ \div\ 5 \\ \hline 5 \end{array}$$

Sometimes you get lucky, and you can simply skip count an answer.

5s are very skip countable.

$$40 \div 5 = 8$$

We have tried a few things.

See if you remember a multiplication problem that fits.

Check your divisibility.
Even or ends in 0,5

Start low and move up until you find it.

Remember that you can skip count in 5s!

Better yet – memorize these facts!

About the future…

We need to learn how to do long division.

It is actually easier than the stuff you have already learned, but..

Not if you don't know your division facts.

So, we will finish up with coordinate plane work start memorizing.