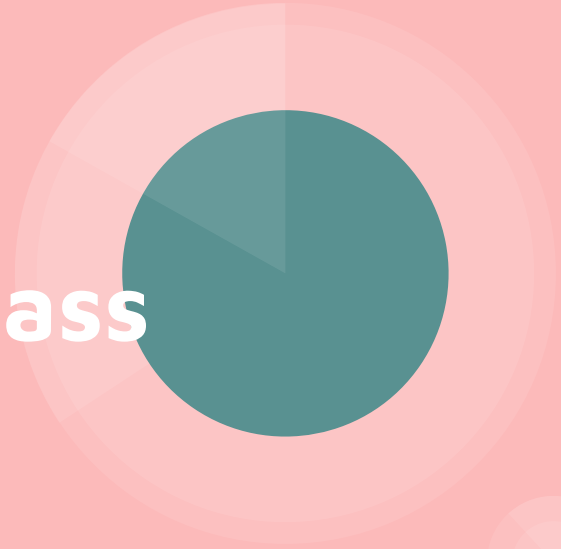


Coding 100, Scratch Class

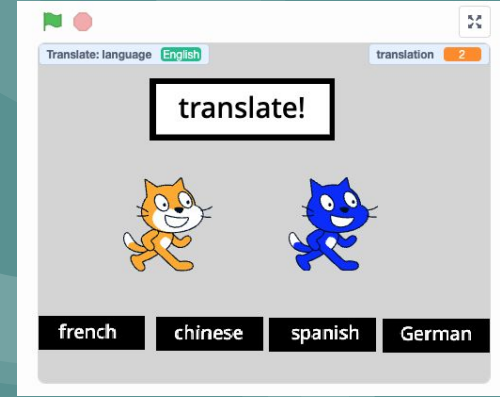
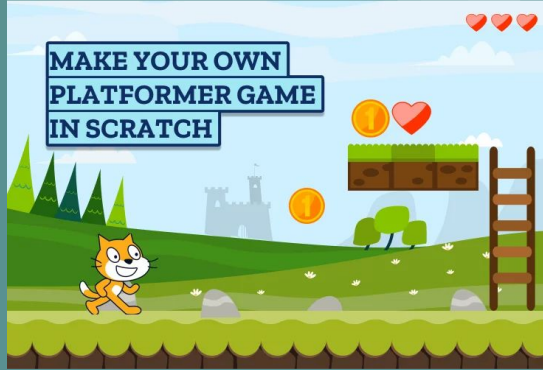
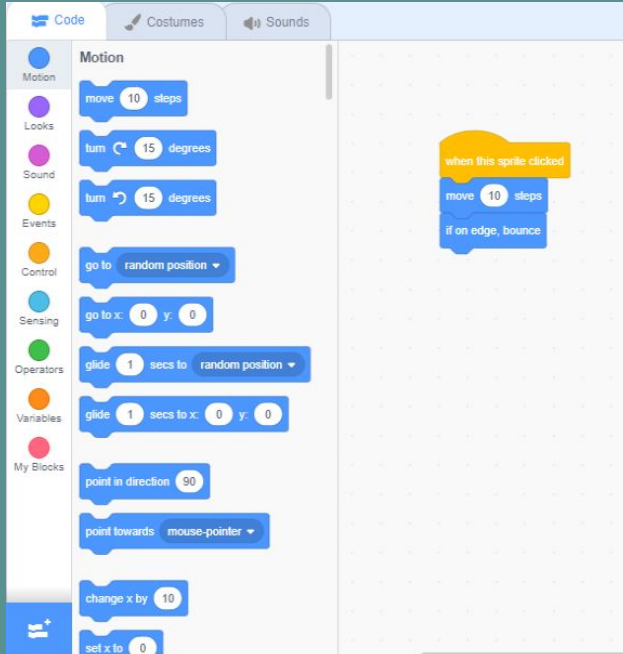
The Green Flag, Motion, and Pen Tool



What is Scratch



A place to create stuff with simple blocks



Website Link: scratch.mit.edu



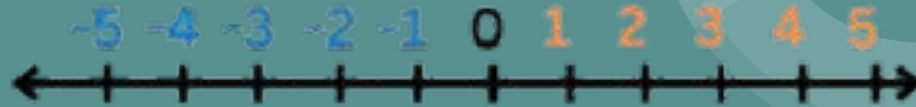
**Create an account for
scratch**



Coordinate System



This is a number line



This can describe the distance of something

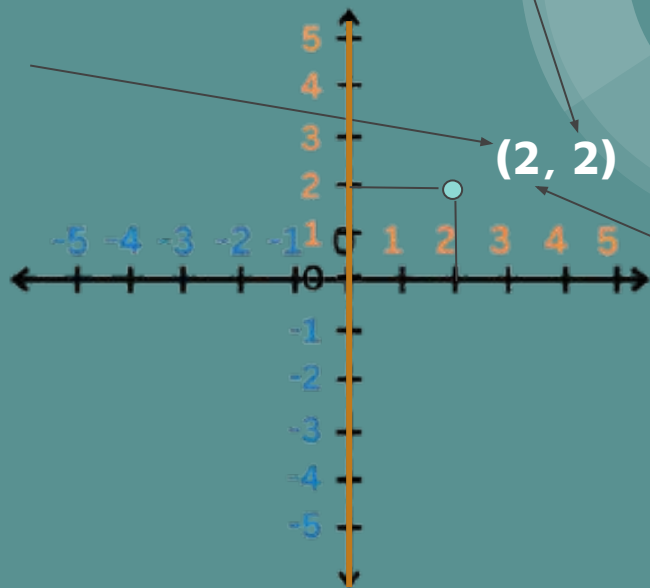
Take a vertical number line



This can describe the height of something

Can describe the position of something

2 units right, 2
units up

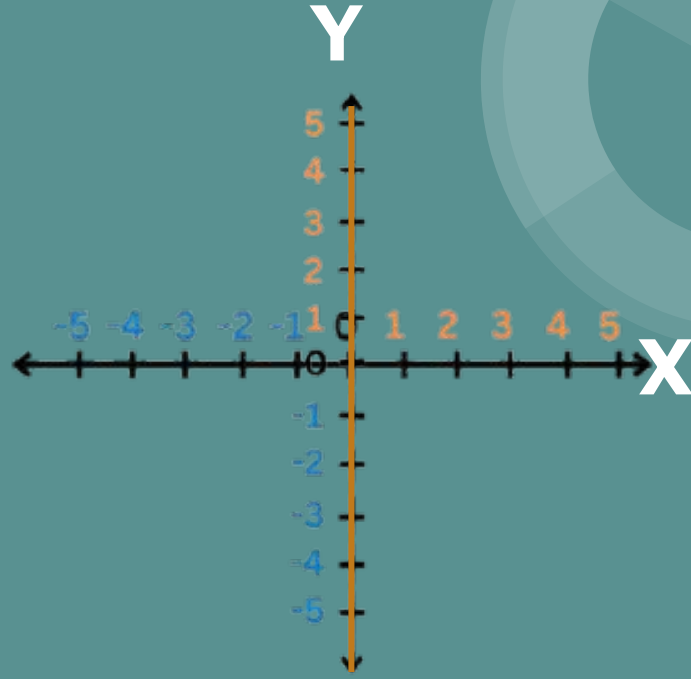


Height

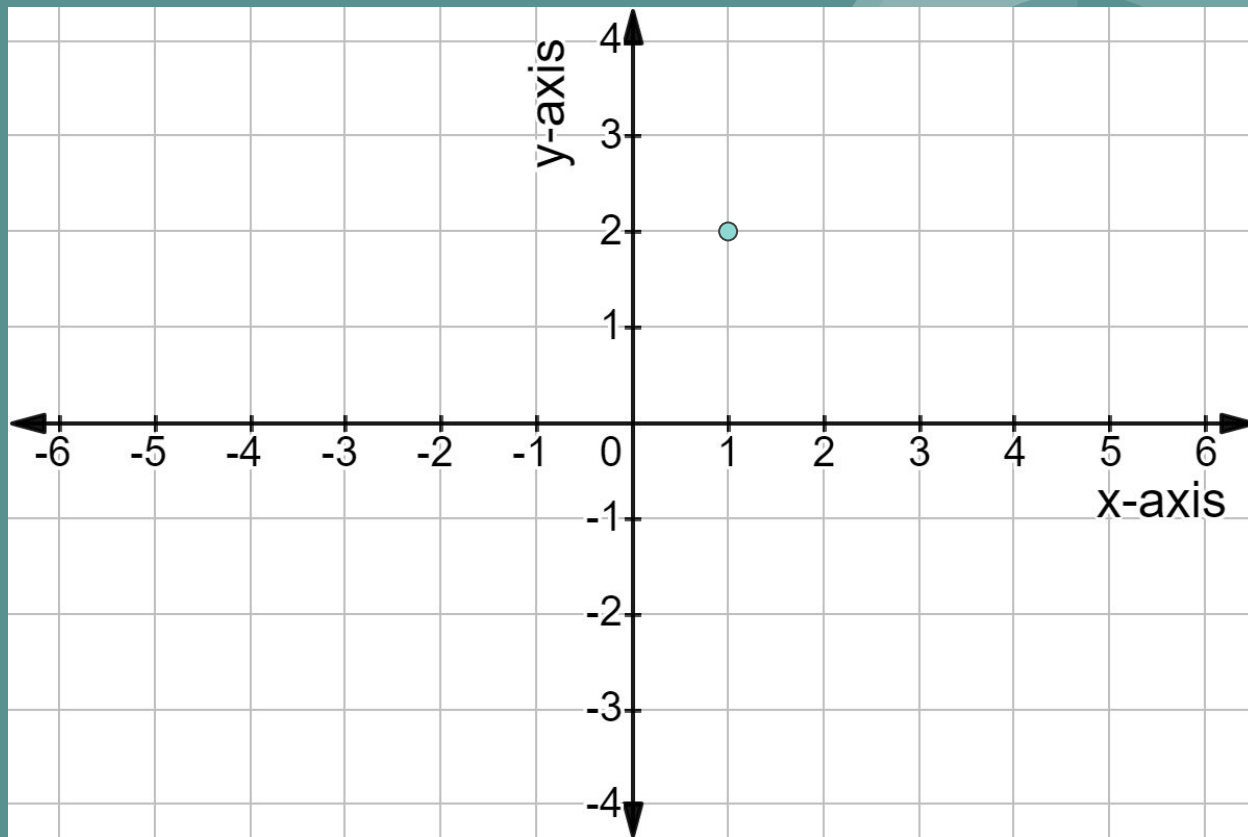
Distance

Distance is now X, height is now Y

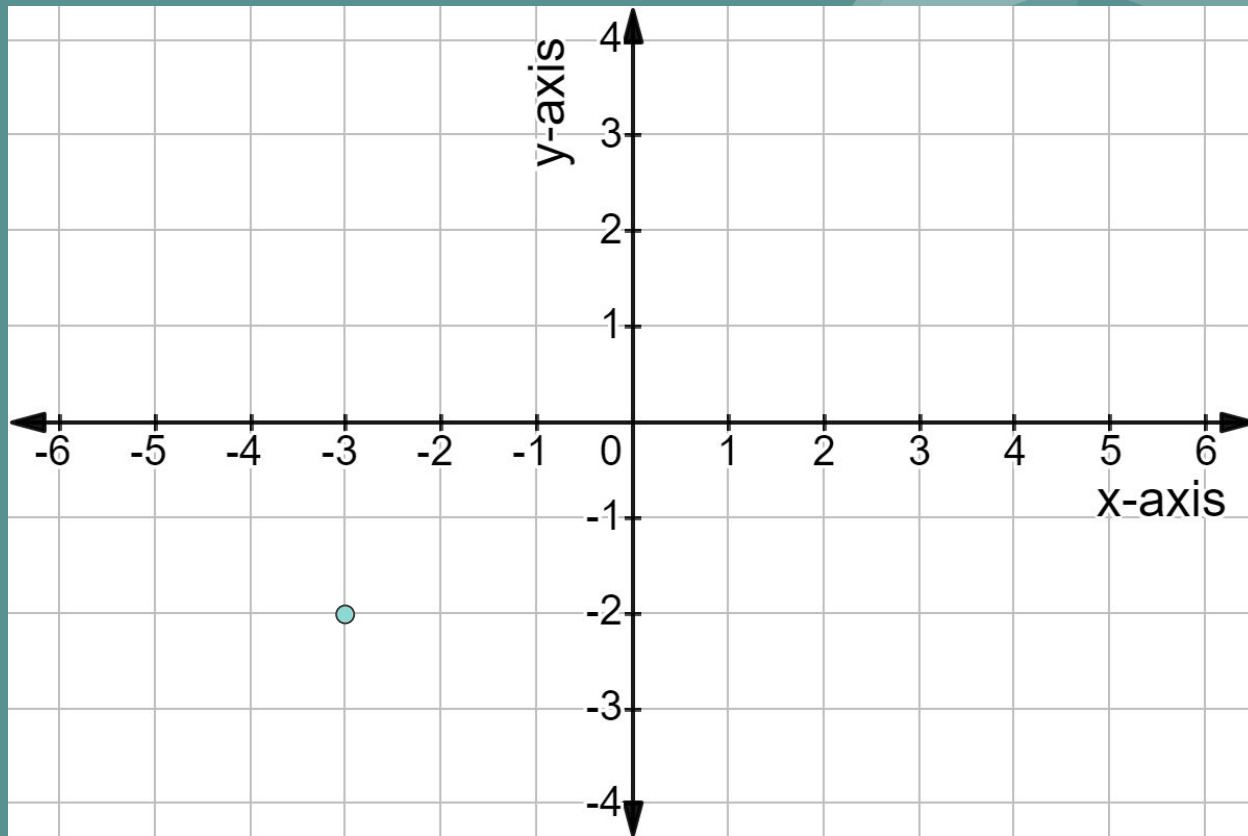
Any point can
be described
as
(X, Y)



In terms of (X, Y), where is the point



In terms of (X, Y), where is the point



Let's get scratching



Recap of what we learned today

- Creating sprites
- How to move and rotate the sprite
- Relate Coordinate system to scratch
- How to draw

Next class

- Looks
- Events
- Control



Teacher code:

<https://scratch.mit.edu/projects/1206291858/editor/>

You can find it on my scratch profile as well