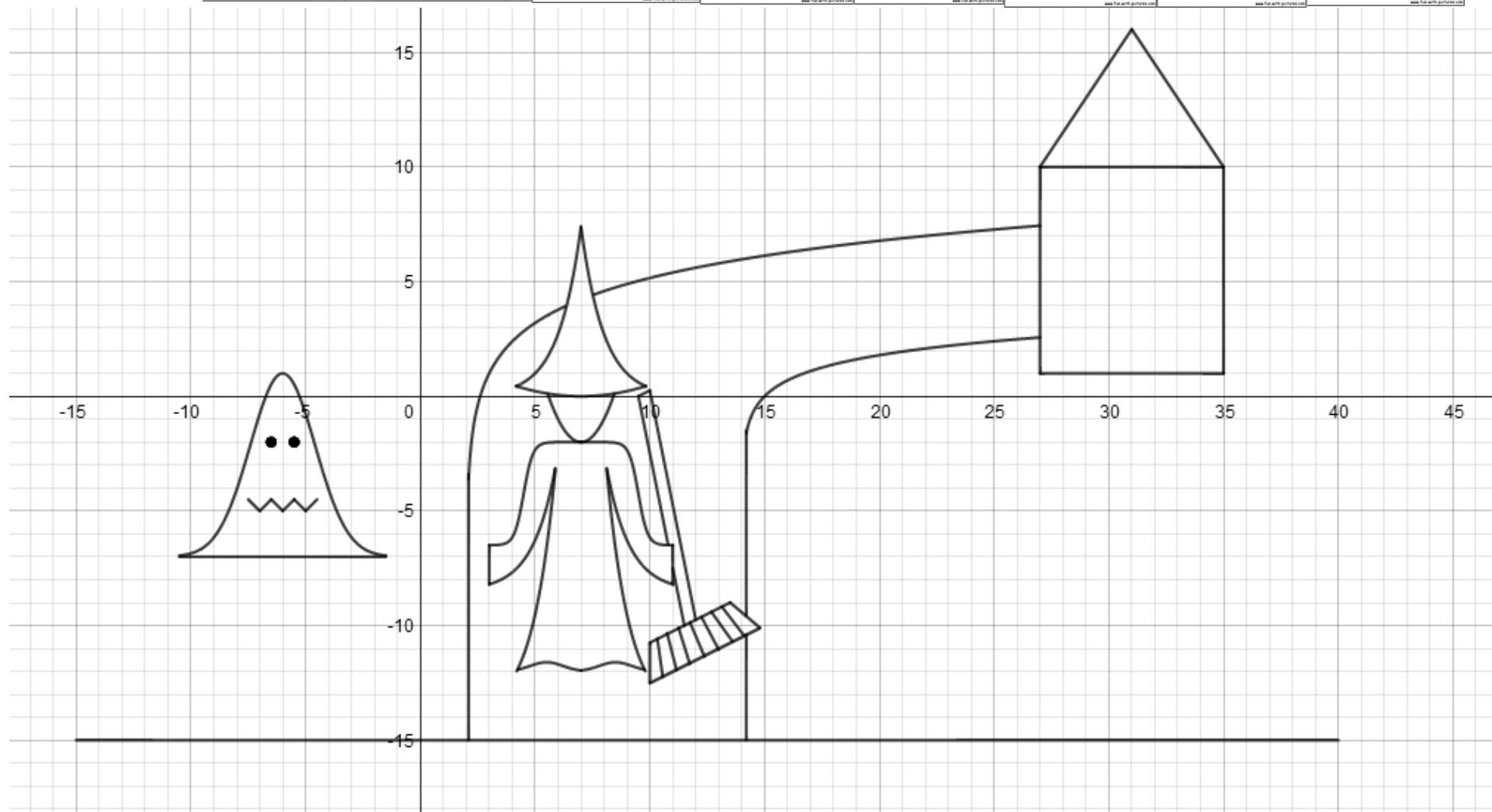
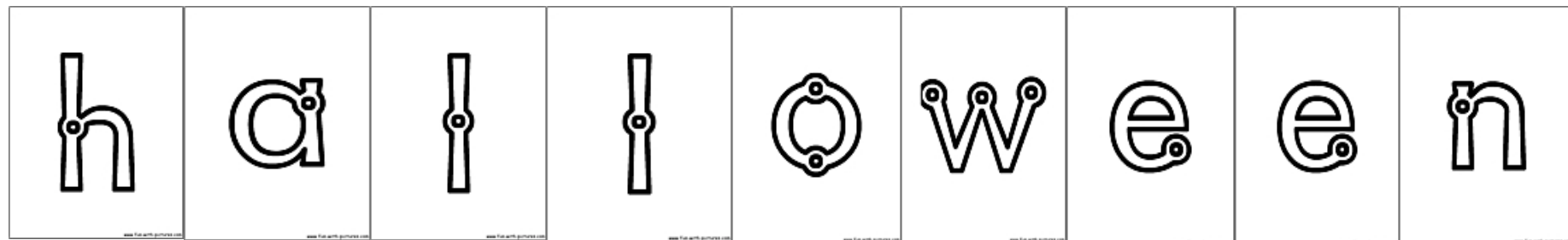


The following pictures were created by students, who attend Catawba Valley Community College, using a free online graphing calculator called Desmos. Students entered different mathematical equations to draw different lines in their picture. (Students were to focus on Gaussian, exponential, logistic, and logarithmic curves.) One picture is a graph that has over 350 equations! Can you guess which one? All of the graphs with their mathematical equations can be seen at this site website.

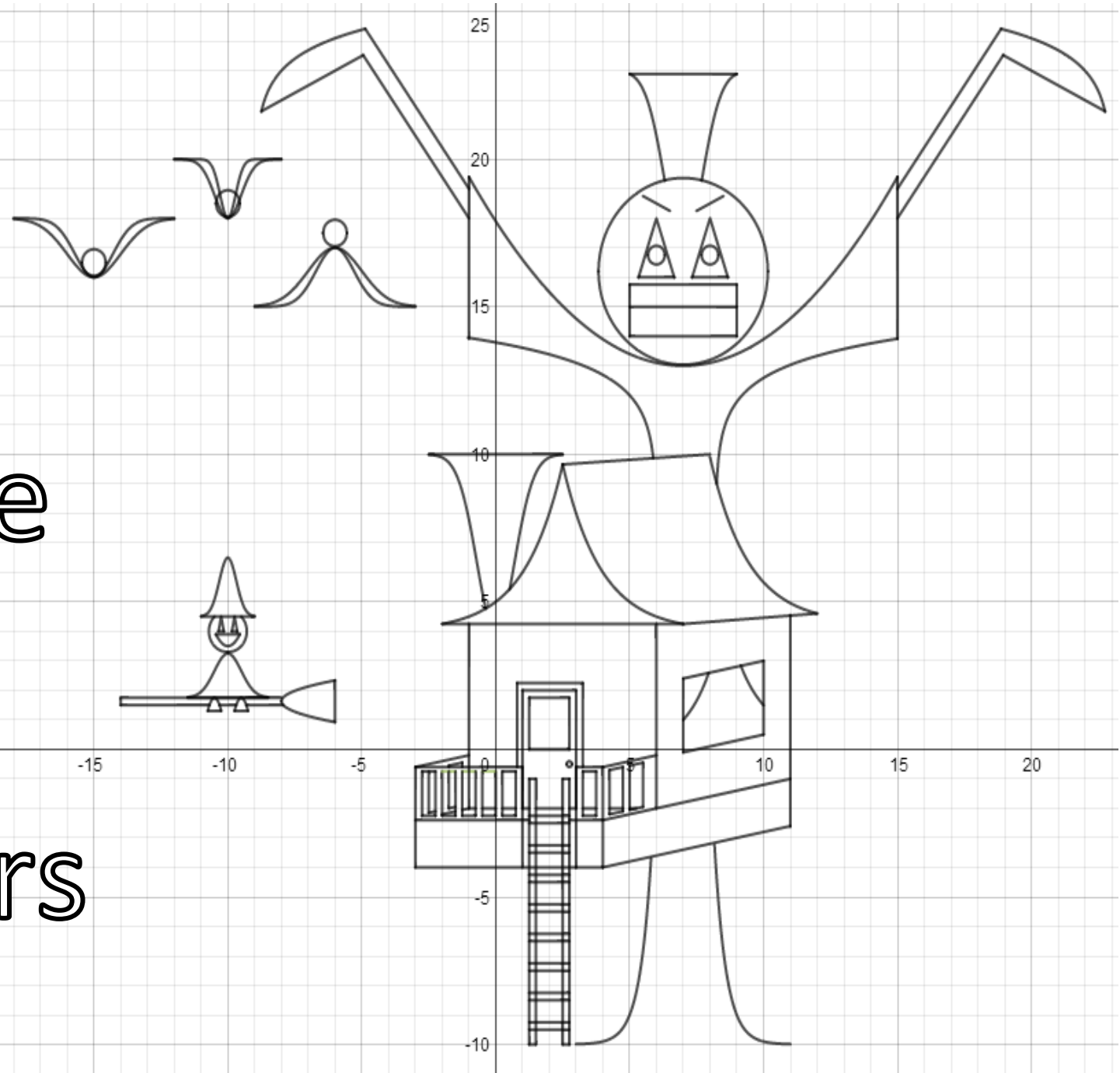
http://wallwisher.com/wall/halloween_pics_2012

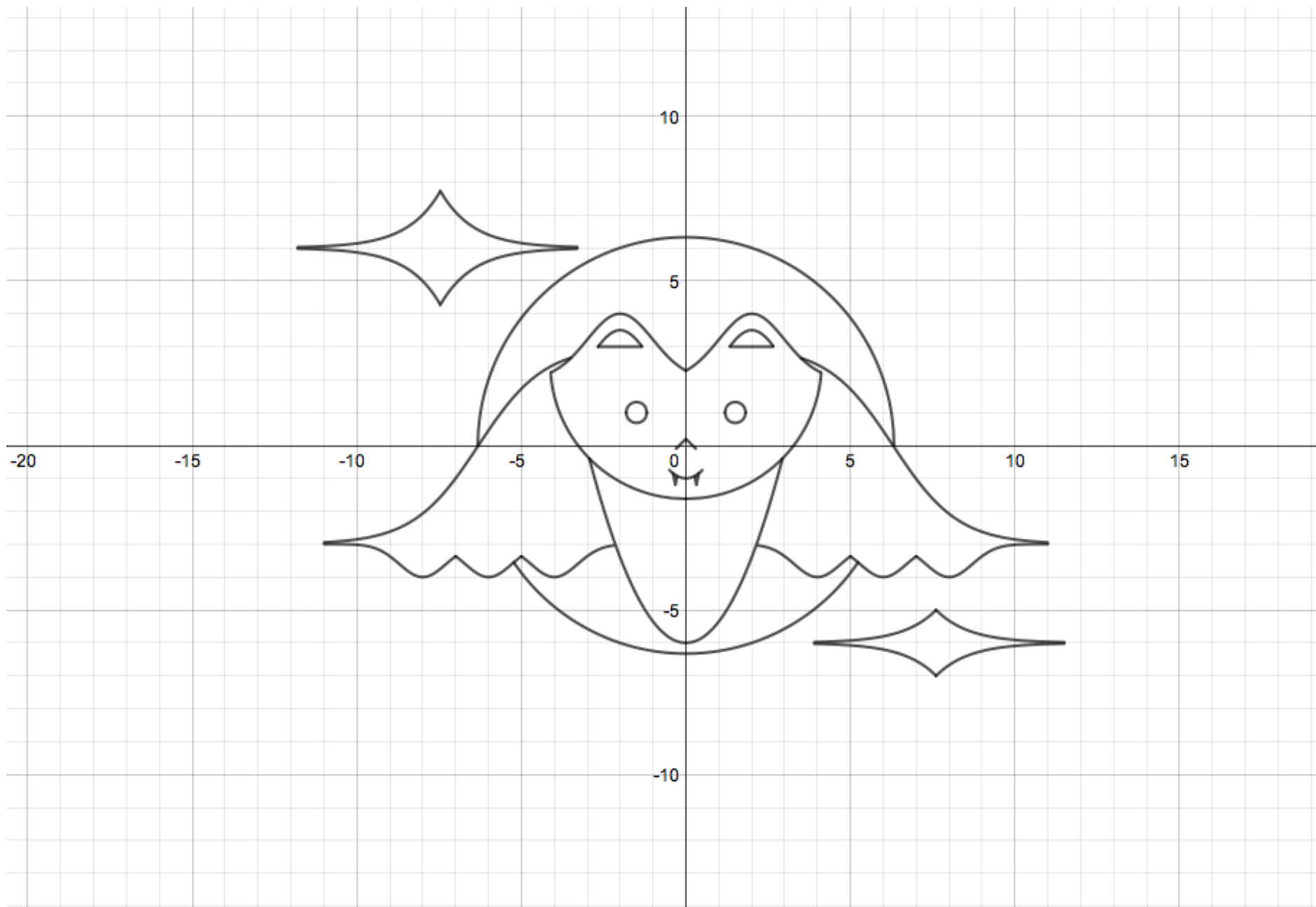
Have fun coloring these pictures and doing the activities. When you are done, try graphing your own picture at www.desmos.com. The Desmos webpage has plenty of other examples for you to see. Check it out!

Any feedback or questions can be sent to Luke Walsh, lwalsh@cvcc.edu, or posted on the CVCC Math facebook page, www.facebook.com/cvccmath or via twitter www.twitter.com/cvccmath.



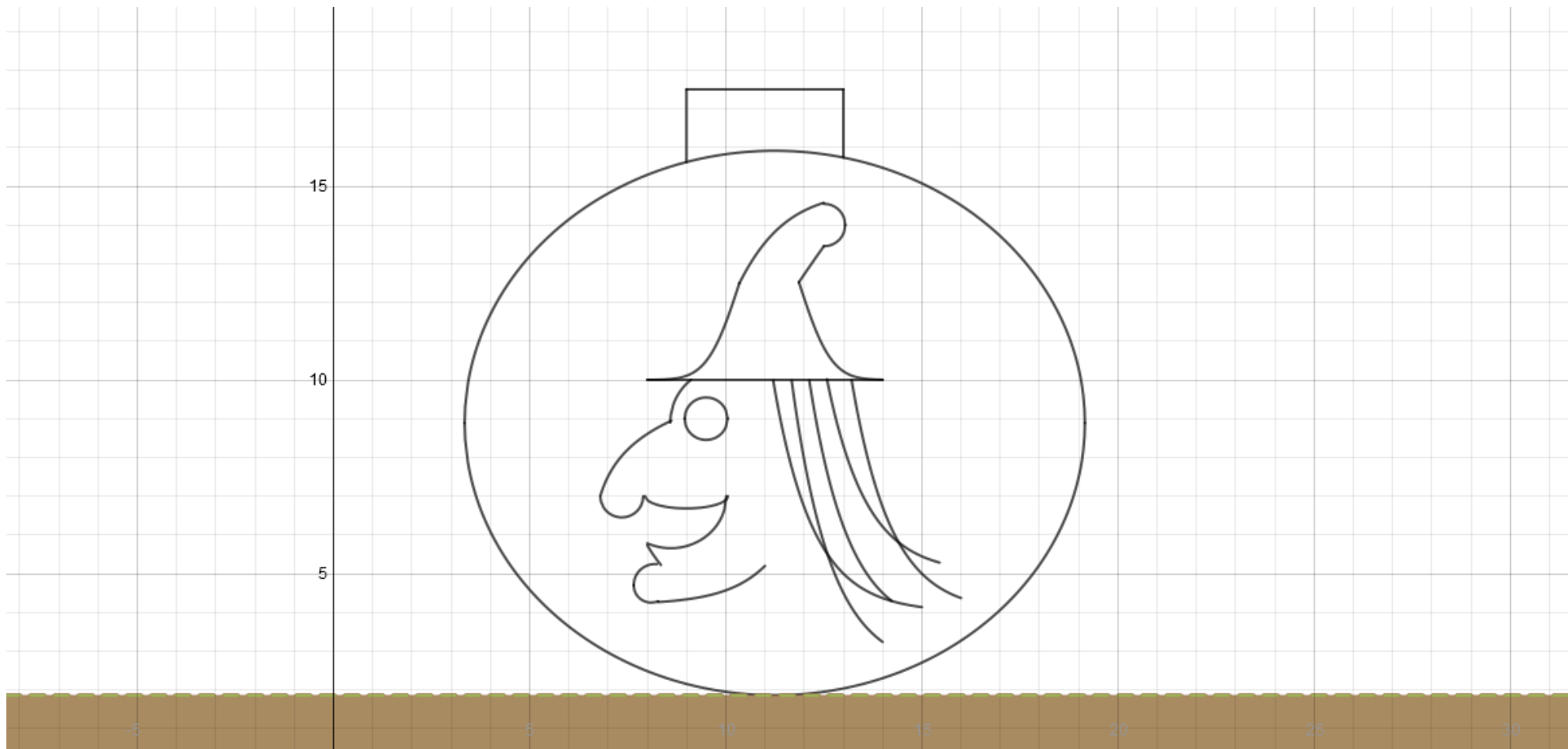
Tree House of Horrors



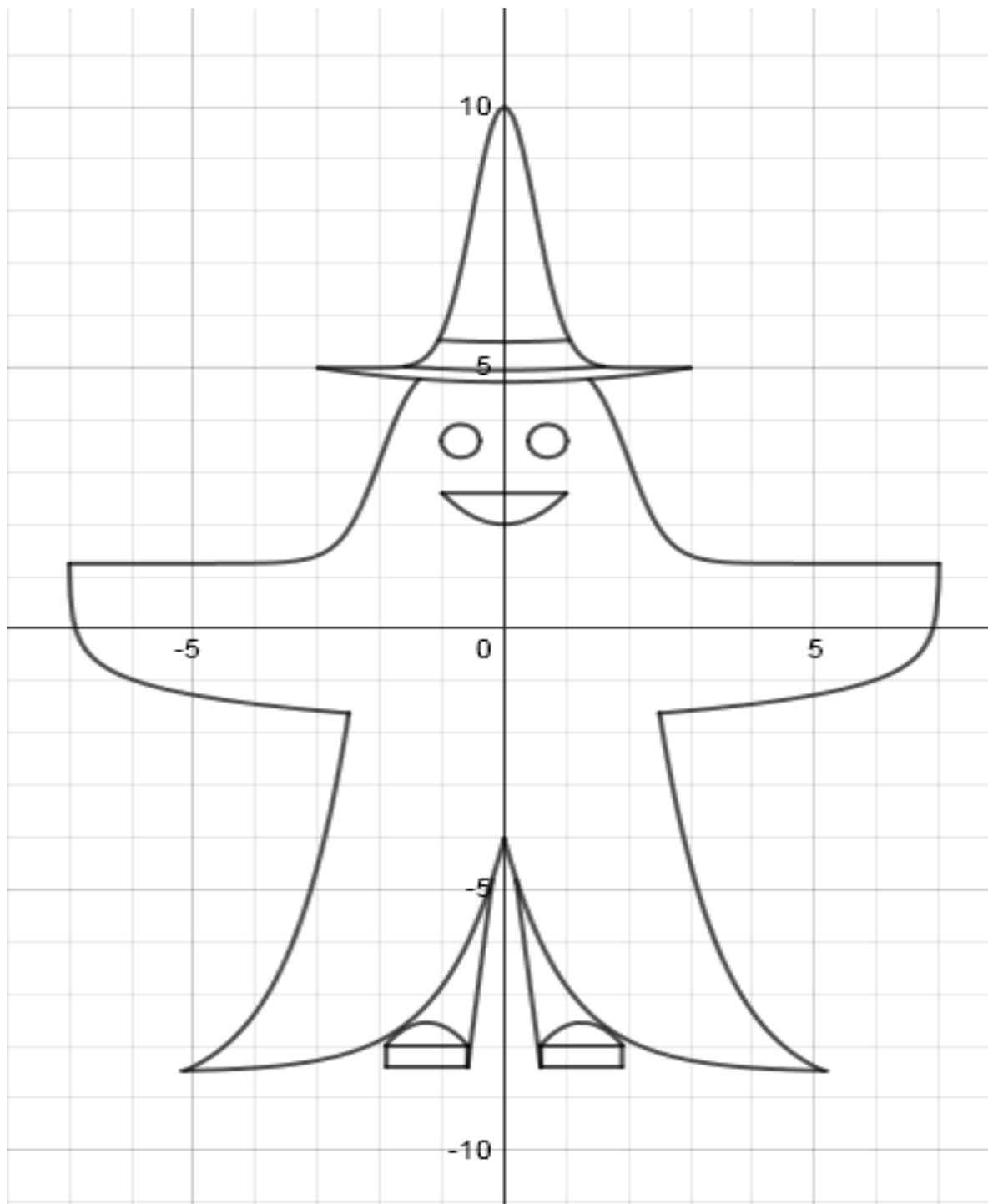


B

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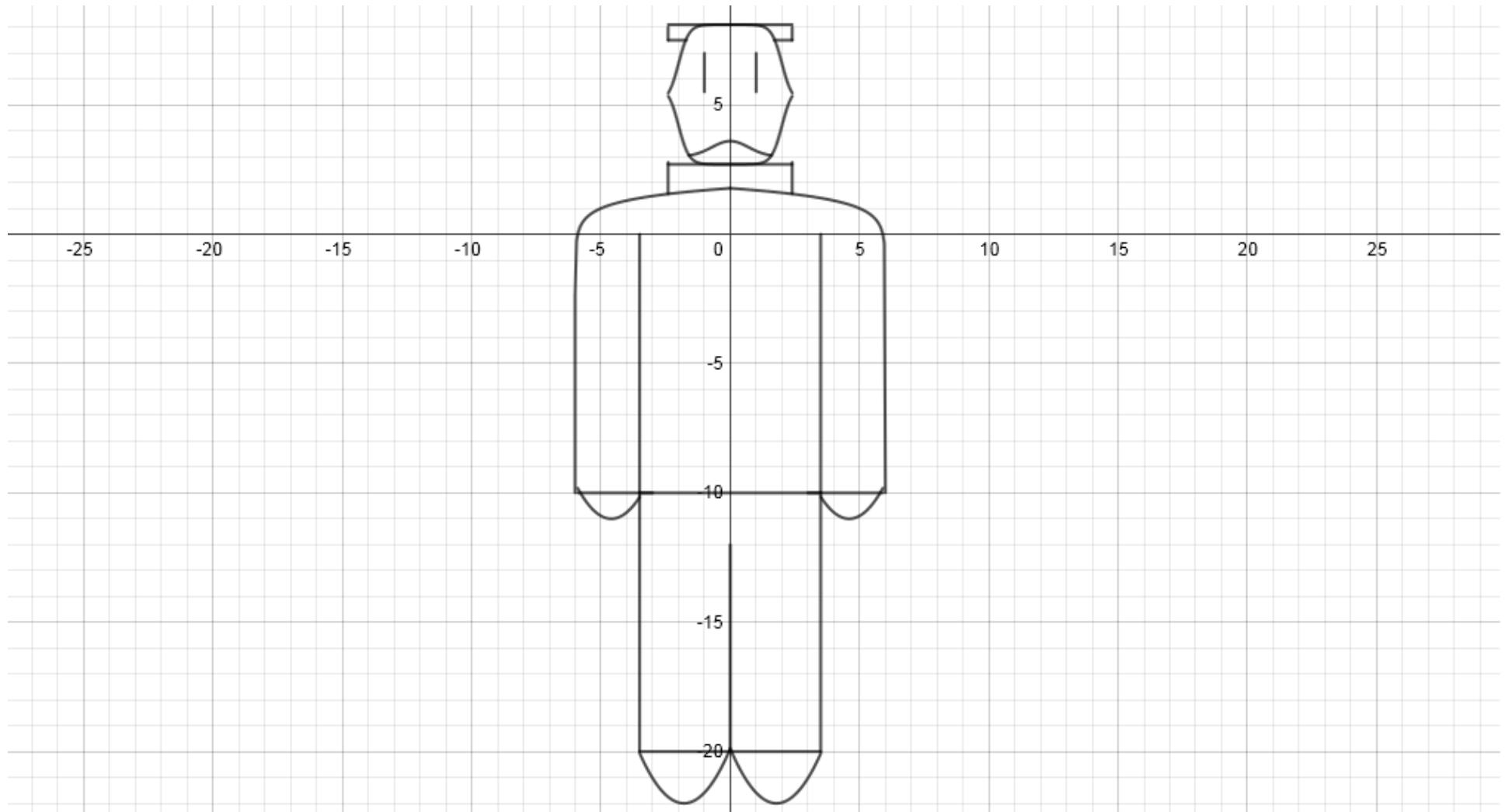
_APPY _ALLOWEEN



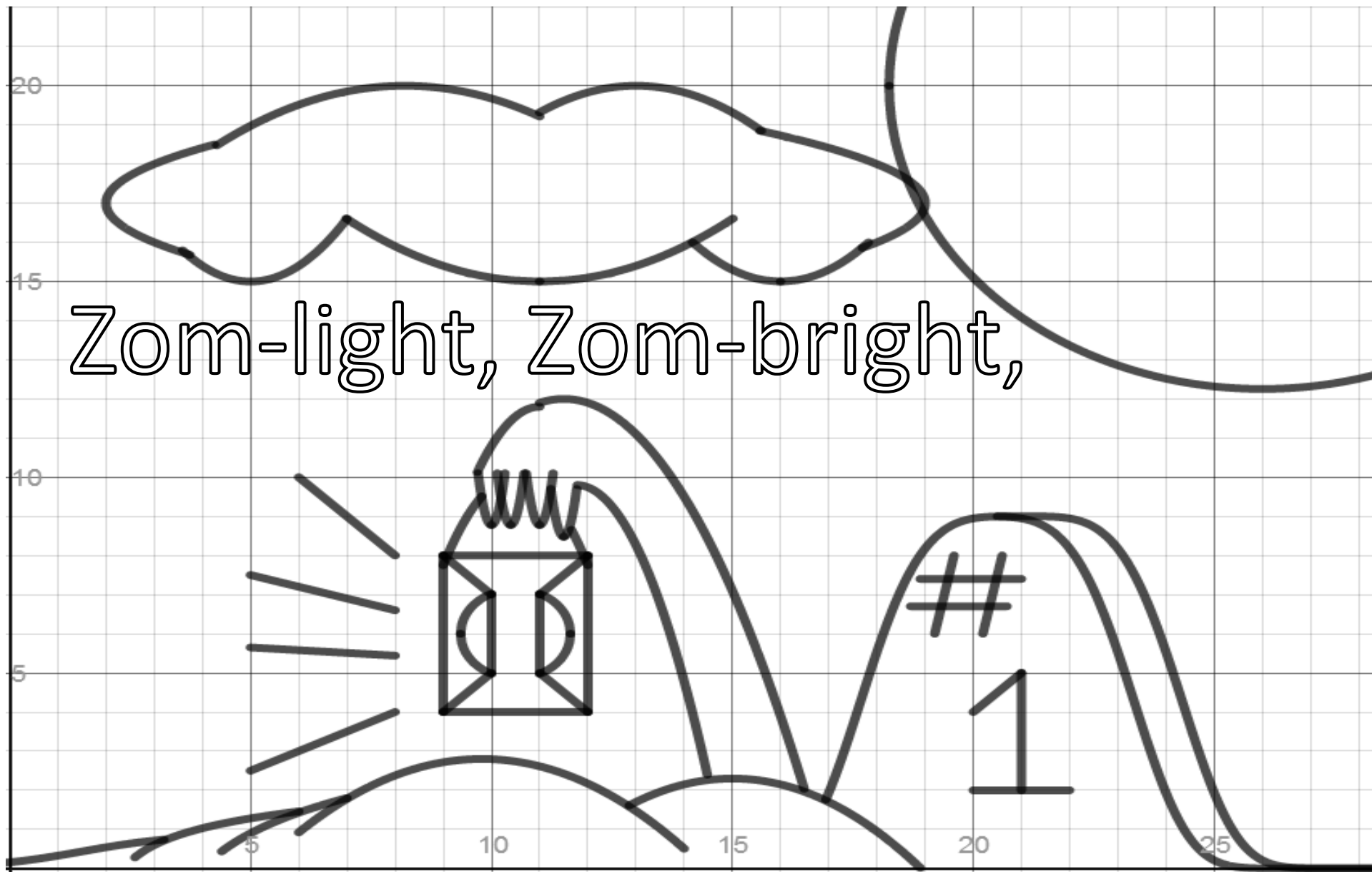
H

A

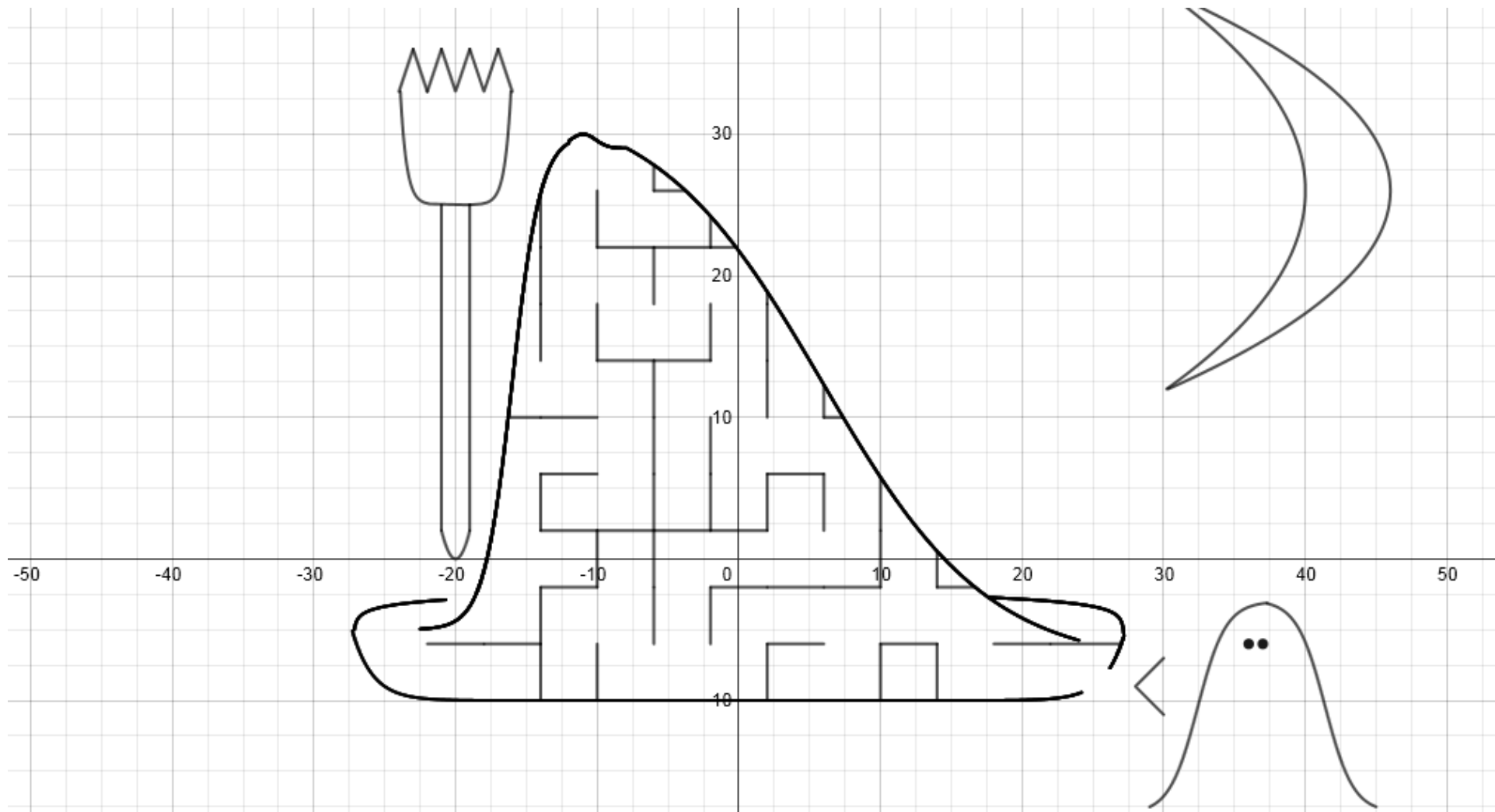
T



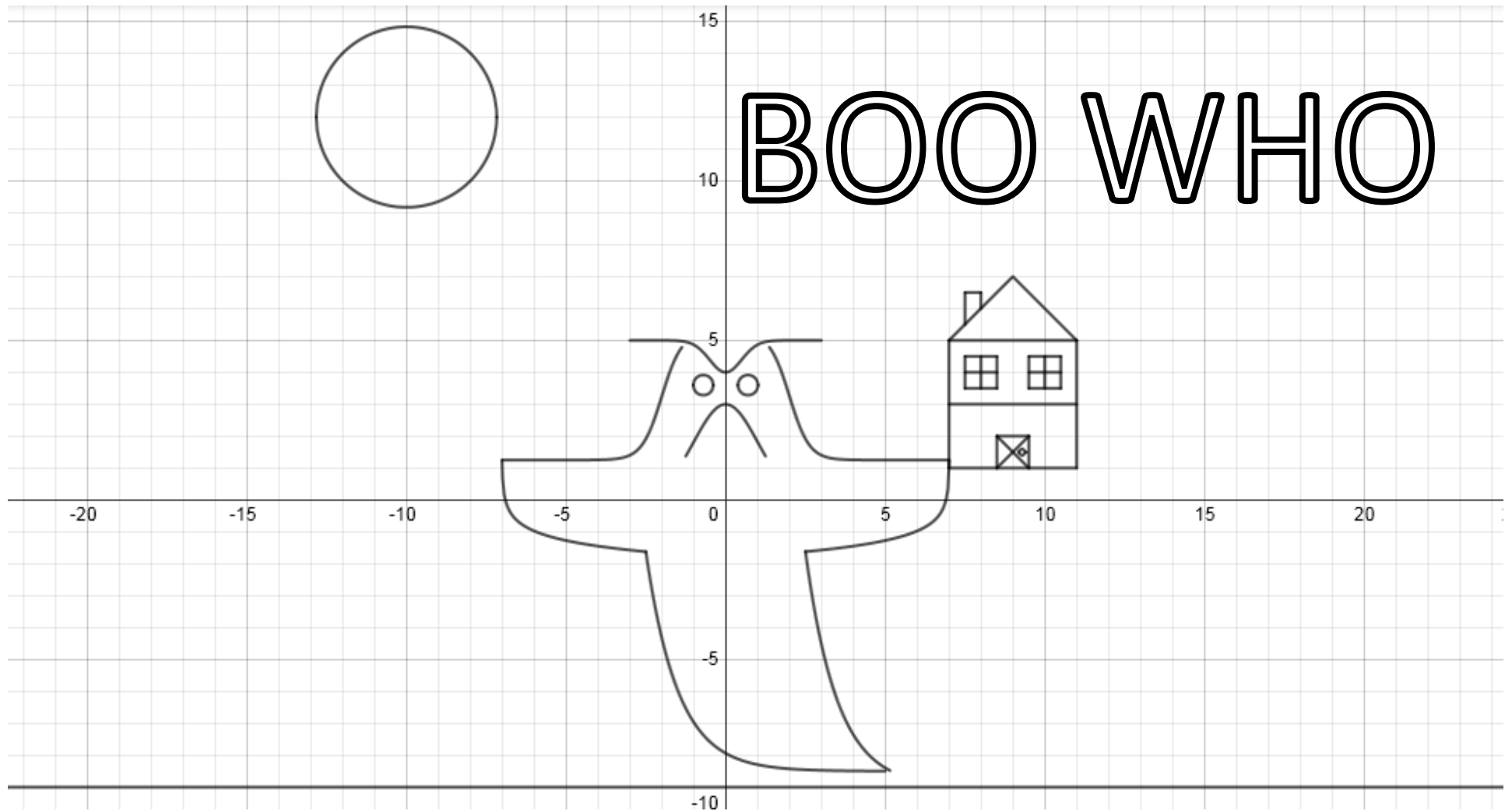
FRANKENSTEIN



first Zombie I see tonight.



MAZE



Knock Knock
Who's there?

Boo

Boo who?

You don't have to cry about it.

HAPPY
HALLOWEEN

15

10

5

-10

-20

-15

-10

-5

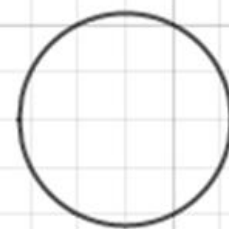
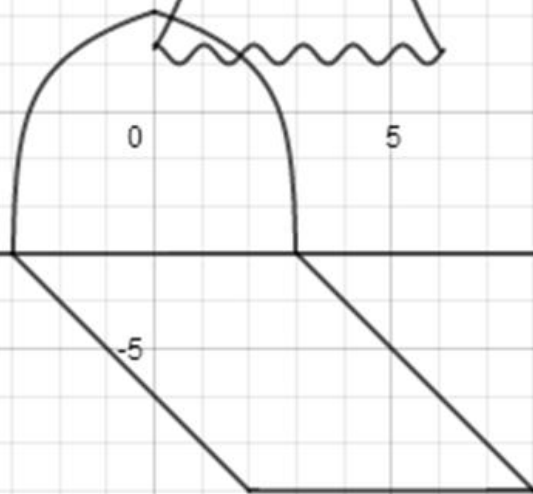
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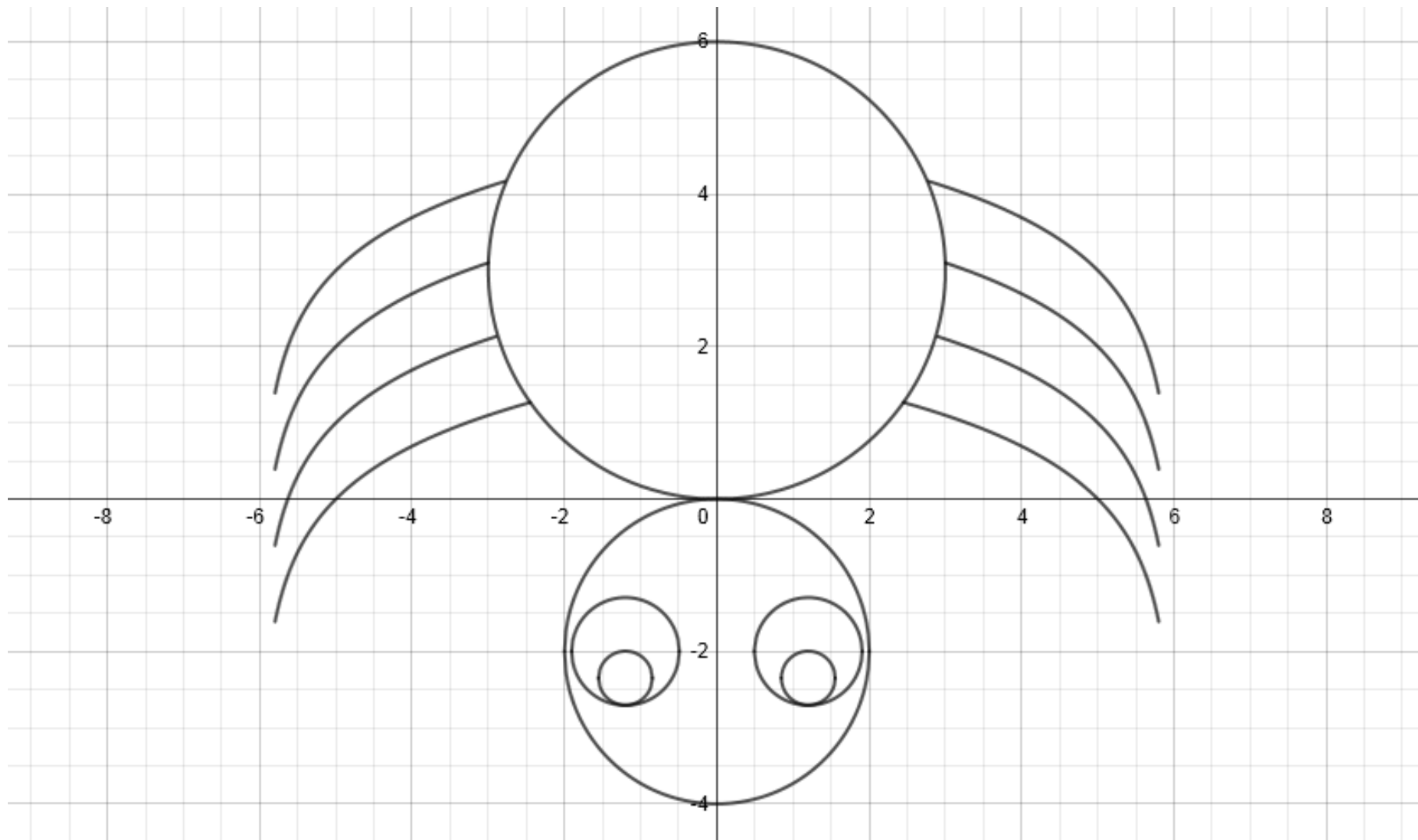
5

10

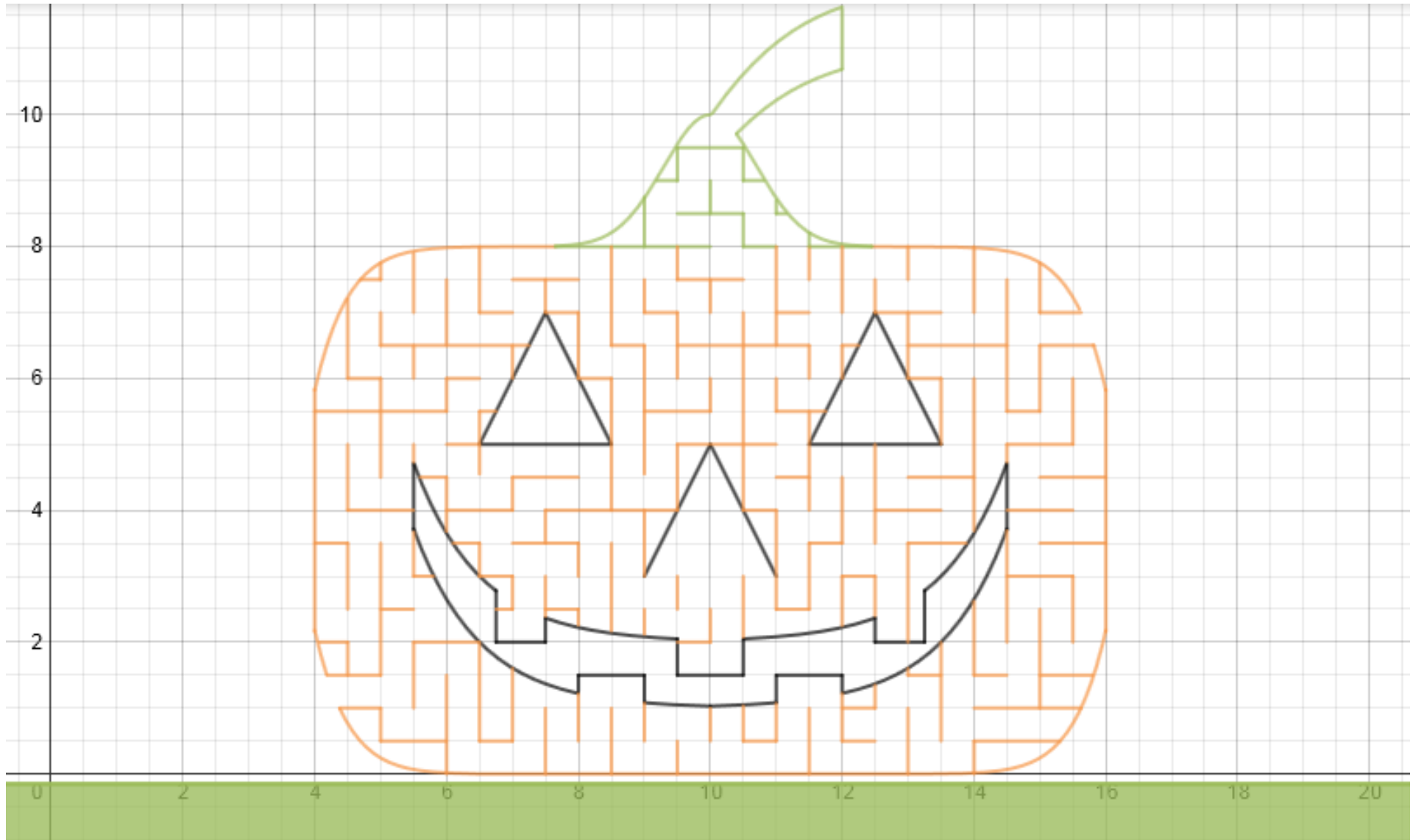
15

20

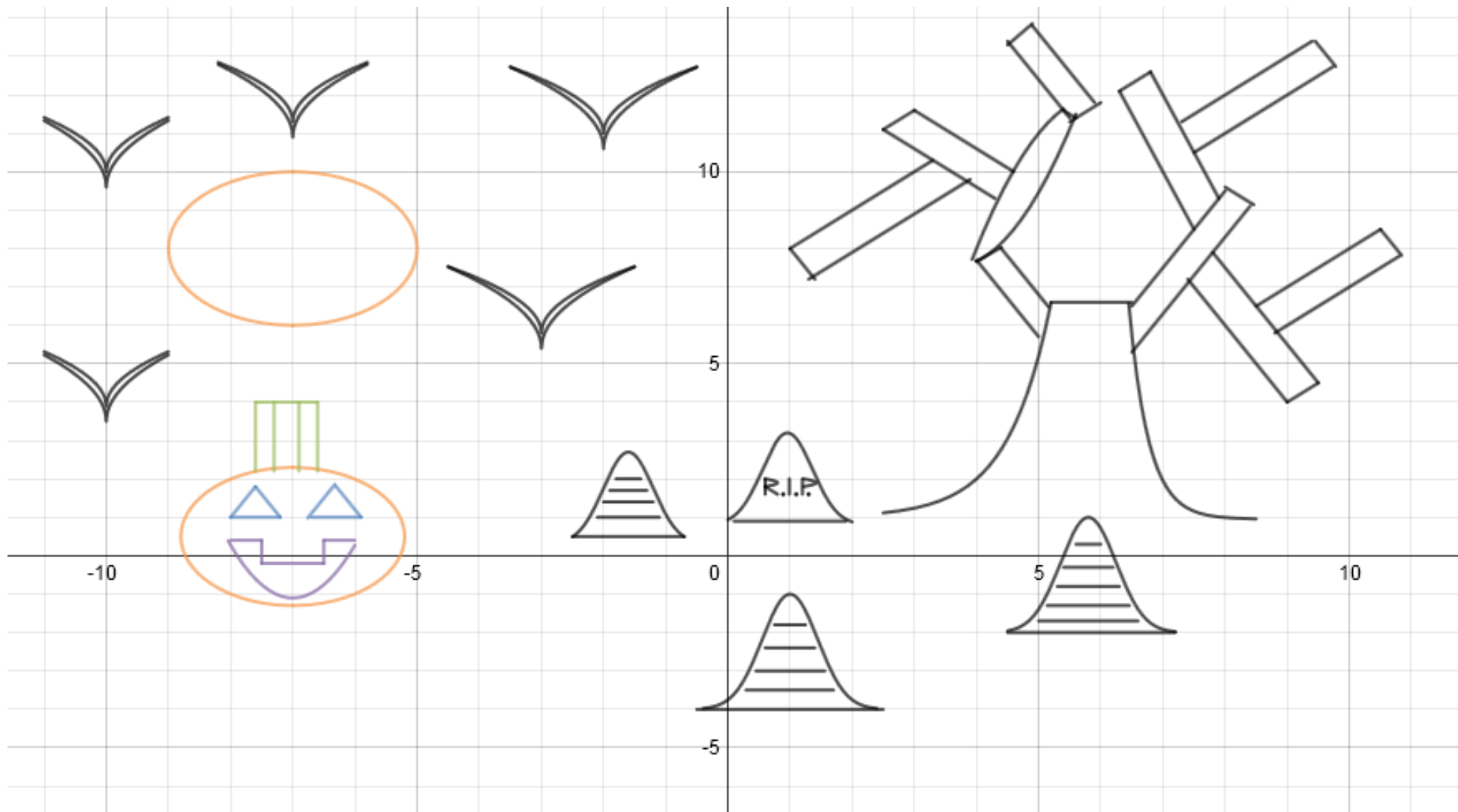




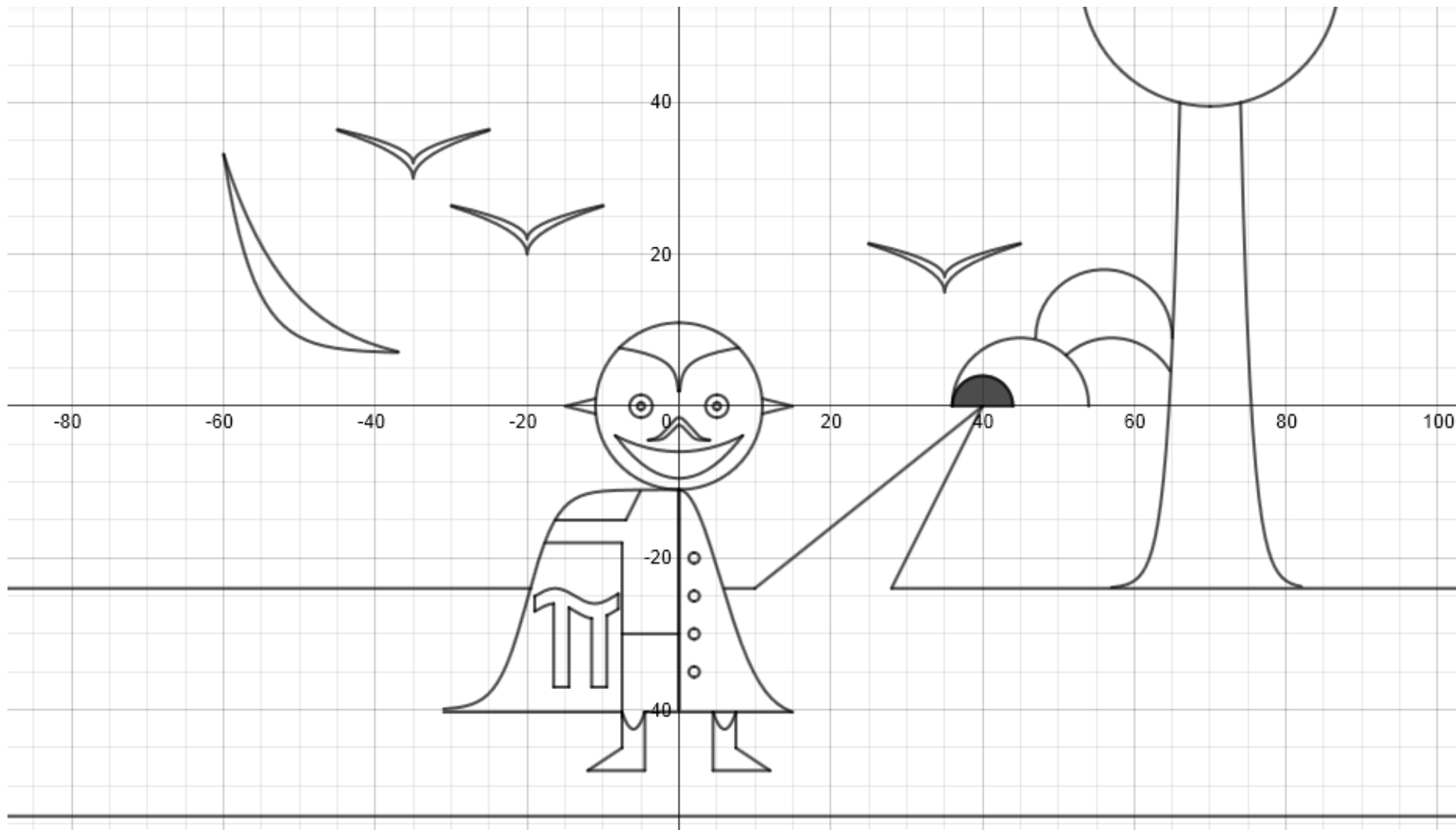
S π DER



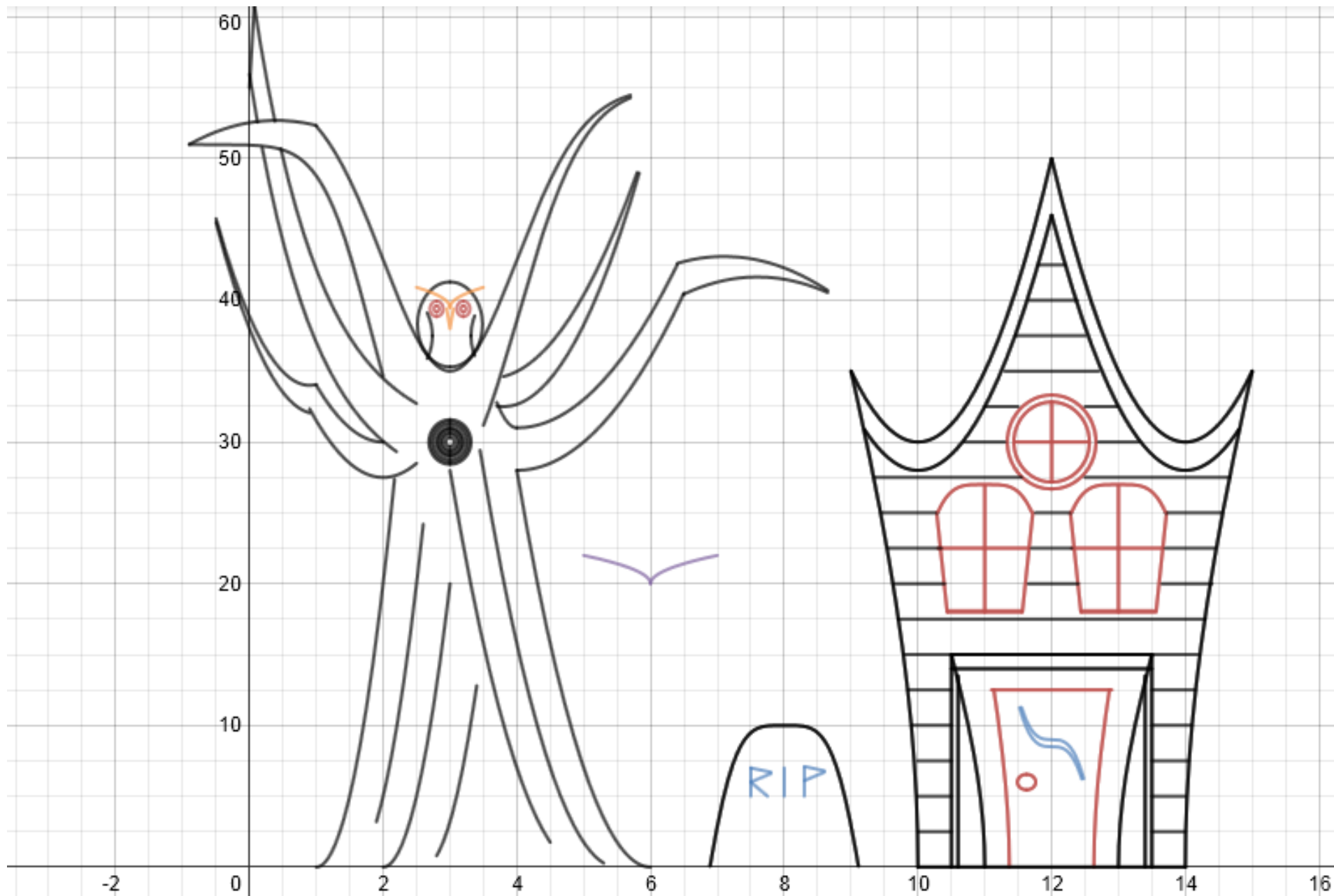
JACK - O - LANTERN



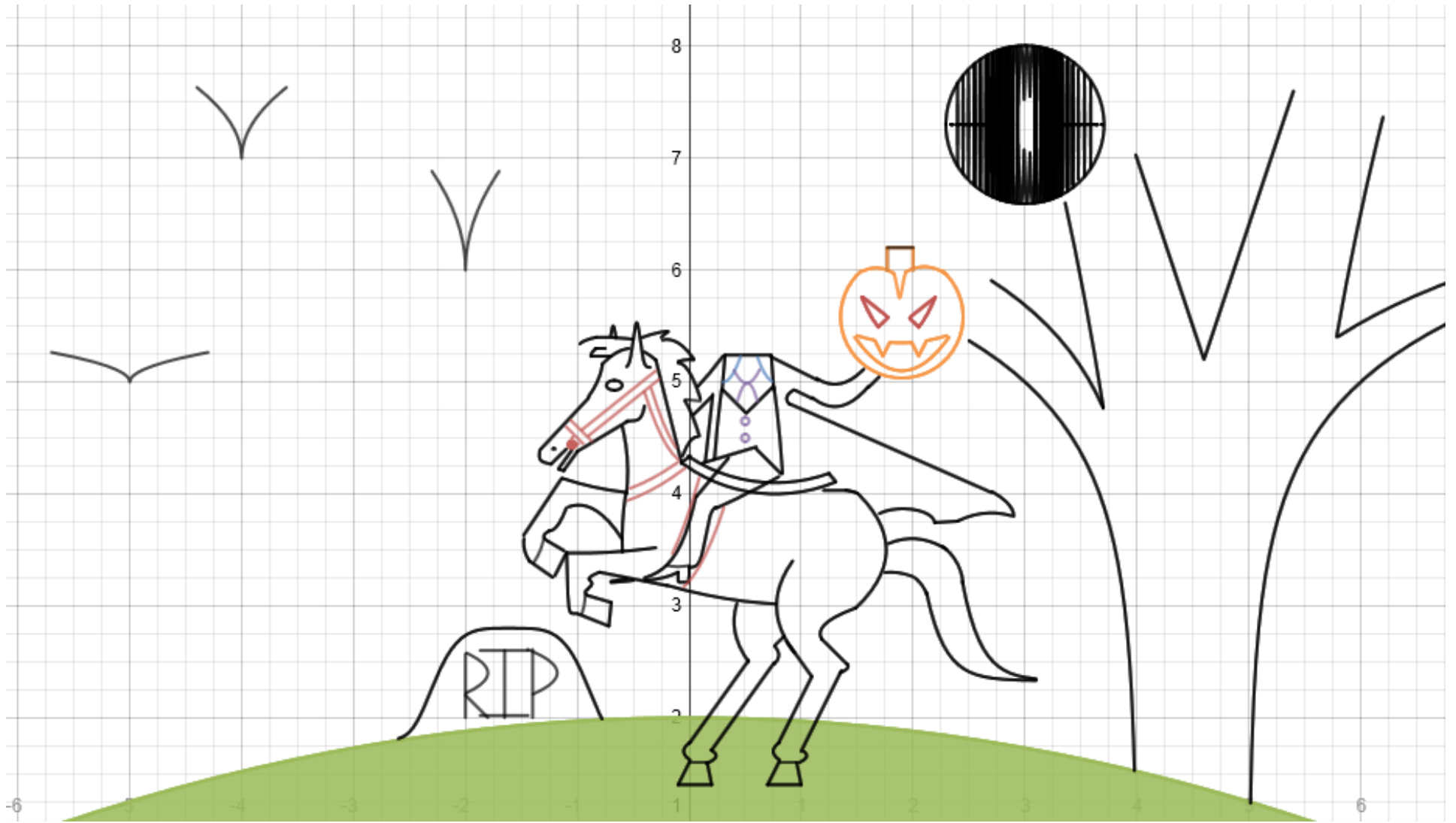
SPOOKY



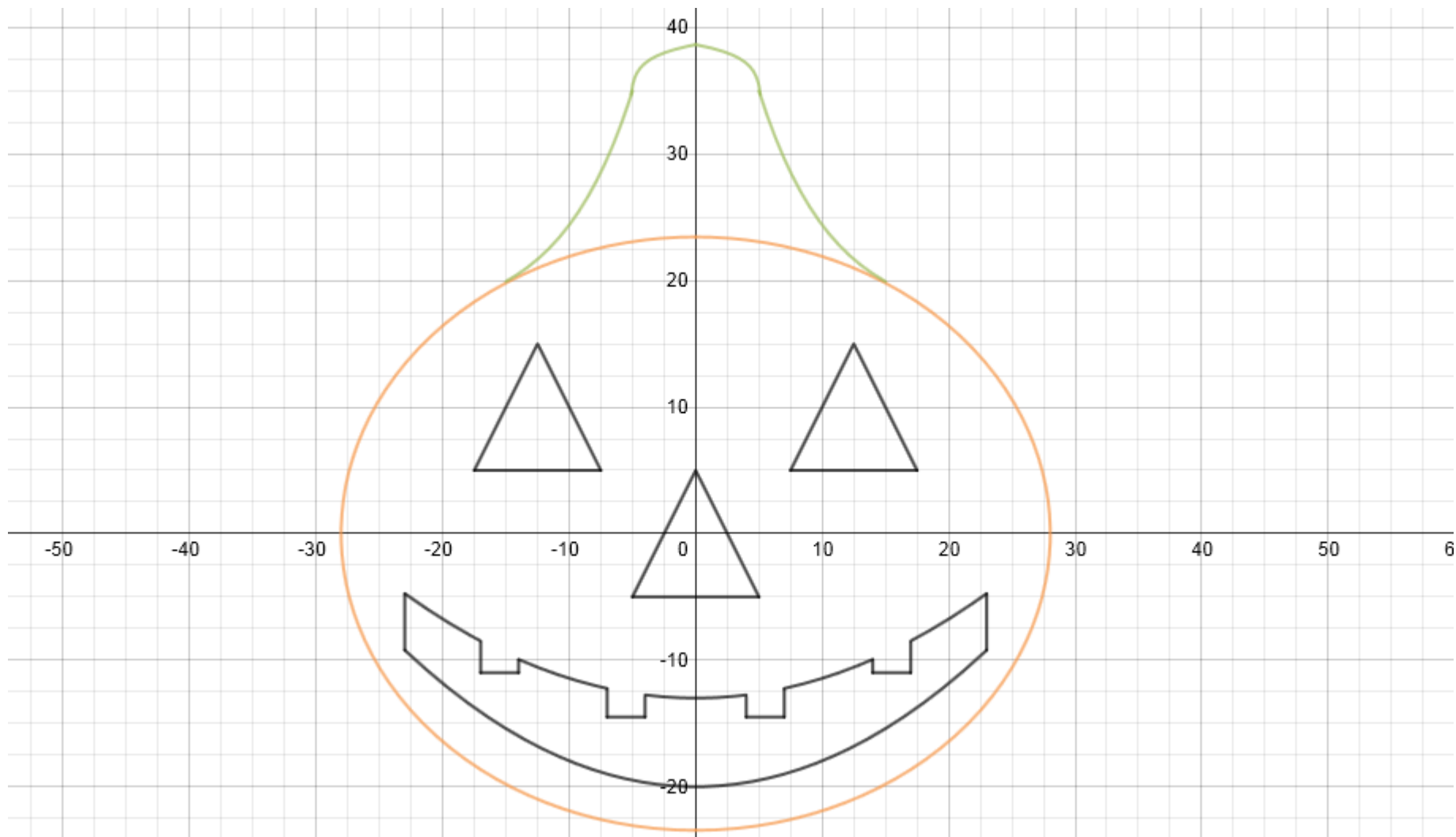
VAMPIRE



Who, who, who goes there?



Legend of Sleepy Hollow



UM_KIN