


SCRATCH

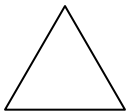


Making Shapes!

- Open a new file by clicking on the  button.
- Draw a square using the commands you've learned in Scratch.
- Make a new version to draw a square using a repeat piece (if you didn't already.)



- Without using any new pieces, how could you make the square bigger?
- What is an equilateral triangle?



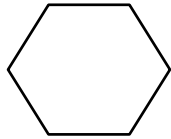
- Write a plan for how you could modify the version that made the square to draw an equilateral triangle.



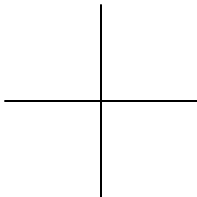
Name _____

Making Shapes! (Continued...)

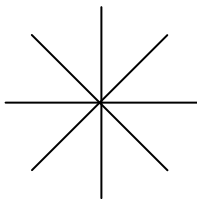
- Make an equilateral triangle in Scratch. What did you have to change from the version that made the square?
- A student was confused by how they had to make a triangle. In school they learned that equilateral triangles have angles of 60 degrees. When this student tried using 60 degrees it didn't work. Why?
- Make a hexagon. What did you have to change from the version that made the square?



- Draw a plus sign using a repeat.



- Draw a star like below. How did you figure out how much to turn?



- Challenge!! Try making more shapes and drawing them!