Name:

Flowcharts to Code

Go through the lesson in class. Play the Kahoot! as a review. Then use the sample flowcharts to write working code. Complete this worksheet as a review at the end of the lesson.

Indicate the flowchart shape and instructions that should be used for the following Python code:
You can go to Insert–Drawing to get the correct shape and type the instruction inside it.

Code	Flowchart shape
pixels.set(1, RED)	
display.show(pics.HAPPY)	
color = (red, green, blue)	
count = count + 1	
display.print("Press a button")	
if pressed:	
count = 0	

Write the Python code that the flowchart shape represents:

Flowchart shape	Code
Initialize delay	
Was button a pressed?	
Fill the screen black	
Play the up sound	
Assign red a random number	
Assign pressed the button b push	
Display an ending message	

Is count < 5?	

SUCCESS CRITERIA:
- ❏ Know the five steps in the design process in the correct order
- ❏ Know the symbols (or shapes) used in flowcharts, and what each shape is used for
- ❏ Create working code from a flowchart