

2.000 Homework 5: Etch-a-Sketch Homework and Grading

Do the homework on your own paper. Attach this sheet to the front of your homework. Papers that are not stapled together will not be accepted.

_____ [5 pts] Following directions...

_____ [5 pts] What is the function of the device:

_____ [20 pts] Provide an equate explanation of device's form. You will be graded on:
Size Proportion Likeness Notes/Explanation

_____ [20 pts] Describe 4 flows (at least one mass flow)

_____ [20 pts] Discuss three dominant physical principles at work. Also discuss one limiting physical principle

_____ [15 pts] Discuss three fabrication processes used to make the etch-a-sketch. You should include sketches and 1-2 sentence explanation for each process.

_____ [20 pts] Explanation how the device works. Make sure you try to explain the process of renewing the screen.

_____ Total

105 pts