

Math *n*. Quiz J. Name _____ Time _____

Use the example programs from the website.

1. Modify the $\sin(x)/x$ calculator

(https://sforcey.github.io/sf34/class_home/calc/calc1/sinx_overx_calc.htm)

to find instead the value of $e^{\sin(x)}$ with code: `Math.exp(Math.sin(x))`. Screenshot the output for $x = 1000$.

2. Modify your $e^{\sin(x)}$ calculator using the style of output shown in the floating point tester program

(<https://sforcey.github.io/sf34/optionex.htm>)

so that the output does not erase the input box and photo. You'll need to download the photo first.

Screenshot the output for $x = 1000$.

3. Modify the $\sin(x)/x$ grapher

(https://sforcey.github.io/sf34/class_home/calc/calc1/sin_overx.htm)

to find the graph of $e^{\sin(\tan(x/5))}$ instead. Screenshot the output.