MATH 131, Fall 2019
Quiz 8
11/07/19

Name: $\qquad$
Section: $\qquad$
For full credit you must present a clearly organized solution, showing all supporting calculations.

1. Show that for any real numbers $a$ and $b$,

$$
|\sin (2 b)-\sin (2 a)| \leq 2|b-a| .
$$

