1. Use the values in the table to approximate $\lim_{x \to -1.8} f(x)$

x	-1.81	-1.801	-1.8001	-1.8	-1.7999	-1.799	-1.79
***f* (*x*)**	3.18	3.05	3.001		2.998	2.873	2.656

2. Find $\lim_{x \to ANS} \frac{x-3}{x^2-9}$ numerically.

x							
***f* (*x*)**							

3. Find $\lim_{x \to 0} \frac{x - ANS(48)}{x-2}$ numerically.

x	-.1	-.01	-.001	0	.001	.01	.1
***f* (*x*)**							

4. Find $\lim_{x \to ANS^-} f(x)$ numerically.

x	2.9	2.99	3	3.01	3.1	3.9	3.99	4	4.01	4.1
***f* (*x*)**	-3.968	-3.992		-4.1	-4.121	-2.978	-2.999		5.993	5.92

5. Find $\lim_{x \to -ANS^+} f(x)$ numerically.

x	2.9	2.99	3	3.01	3.1	3.9	3.99	4	4.01	4.1
***f* (*x*)**	-.012	-.004		-.998	-.989	-2.978	-2.999		5.993	5.92

6. Use the values in the table to approximate $\lim_{x \to ANS} f(x)$

x	-1.01	-1.001	-1	-0.99	-.999	-.01	-.001	0	.001	.01
***f* (*x*)**	4.25	4.298		4.298	4.38	5.925	5.98		5.99	5.96

7. Use the values in the table to approximate $\lim_{x \to ANS} f(x)$

x	4.29	4.299	4.3	4.31	4.301	-5.99	-5.999	6	6.001	6.01
***f* (*x*)**	3.015	3.001		2.989	2.975	3.975	3.999		3.998	3.975

8. Make a table where $\lim_{x \to 5^-} f(x) = ANS$ and $\lim_{x \to 5^+} f(x) = 2(ANS)$

x							
***f* (*x*)**							

NAMES: _____

RELAY ANSWER SHEET

Evaluating Limits Numerically

1. _____

2. _____

x							
***f* (*x*)**							

3. _____

x	-.1	-.01	-.001	0	.001	.01	.1
***f* (*x*)**							

4. _____

5. _____

6. _____

7. _____

8.

x	4.9	4.99	4.999	5	5.001	5.01	5.1
***f* (*x*)**							