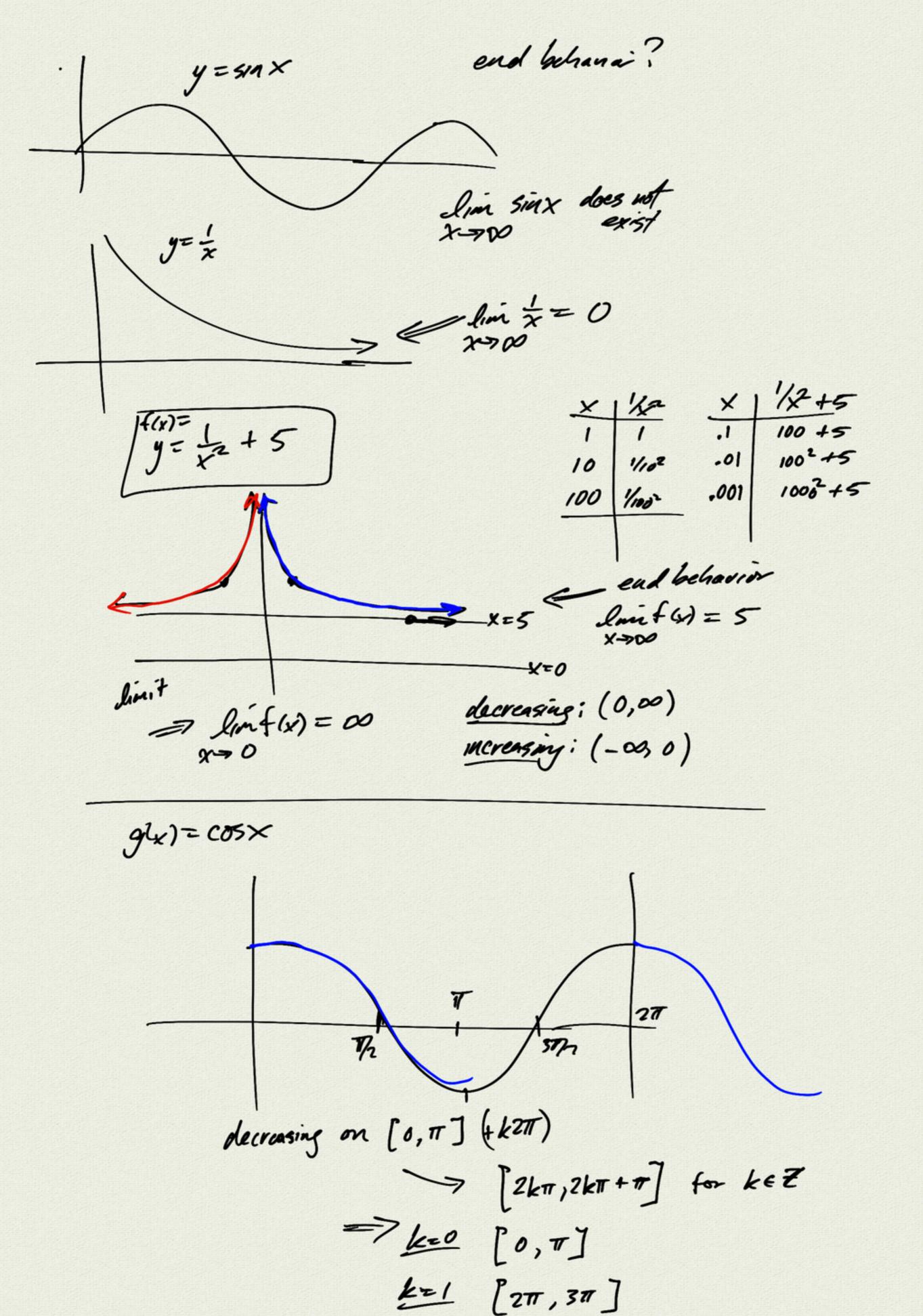
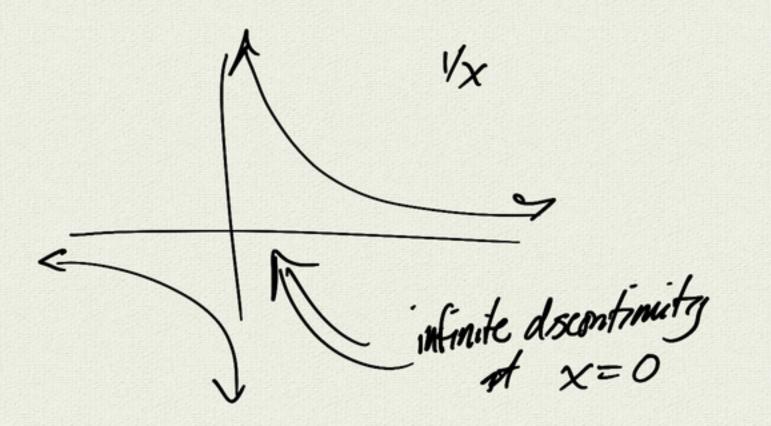
r=1-251020 $r = 1 - 2 \sin(2(0+\pi))$ $=1-25m(20+2\pi)$ = 1-25M28





4.2 Function operatories

$$f, g$$
 functions

 $f: R \rightarrow R$
 $g: R \rightarrow R$
 $g: R \rightarrow R$
 $g: R \rightarrow R$
 $g(x) = f(x) + g(x)$

example:

 $f(x) = f(x) + g(x)$
 $f(x) = g(x) + g(x)$
 $f(x) =$

we have an inverse if we restrict domain so that the Guetim is HI (horzer/stest (for a y-value, there is a unique x-value)

$$g(x) = \begin{cases} -x & x < 0 \\ 2 & x = 0 \\ sin x & x > 0 \end{cases}$$

$$g(x)$$

$$n(x) = |g(x)|$$

$$p(x) = g(1xx)$$

$$p(-\pi) = g(1-\pi)$$

$$= g(\pi)$$

$$x \mid p(x)$$

$$-\pi \mid 0$$

$$q(x) = g(-1xx)$$

$$= for x < 0 \\ q(x) = g(x)$$

