

KFUPM

MATH101

Quiz#6

Sec. 27

Name \_\_\_\_\_

Sr.# \_\_\_\_\_

**Q1** Find the linear approximations of  $f(x) = \cosh x$  about  $x_0 = 0$

**Q2** If  $\operatorname{csch} x = -\frac{5}{4}$ , find the values of the other hyperbolic function of  $x$