

Quiz 4

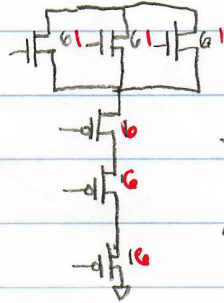
1. 3-Input NOR Gate : $g = \frac{2n+1}{3}$

$n = \#$ of inputs

$$\frac{2(3)+1}{3} = \frac{6+1}{3} = \boxed{\frac{7}{3}}$$



90

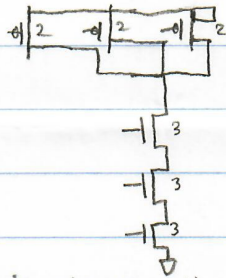


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2. 3-Input NAND Gate : $g = \frac{n+2}{3}$

$n = \#$ of inputs

$$\frac{3+2}{3} = \boxed{\frac{5}{3}}$$



3. NOR is slower than NAND because NOR has PMOS in series which is slower.

