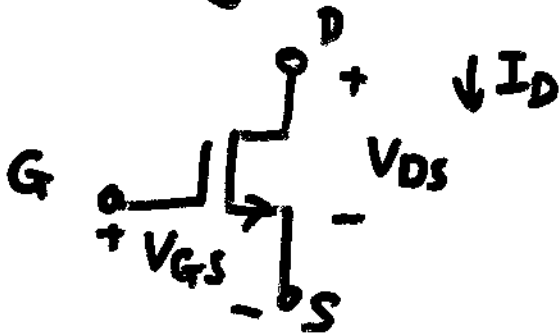


Examples:

① What region are we in?



a) $V_{DS} = 6V$

$V_{GS} = -2V$

$V_{TH} = 3V$

b) $V_{DS} = 6V$

$V_{GS} = 3V$

$V_{TH} = 2V$

c) $V_{DS} = 2V$

$V_{GS} = 5V$

$V_{TH} = 2V$