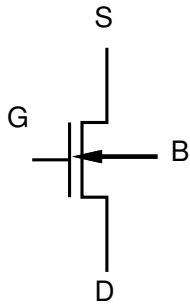1. How many capacitance values might we need to represent a 4-terminal transistor? (fourth terminal is body)
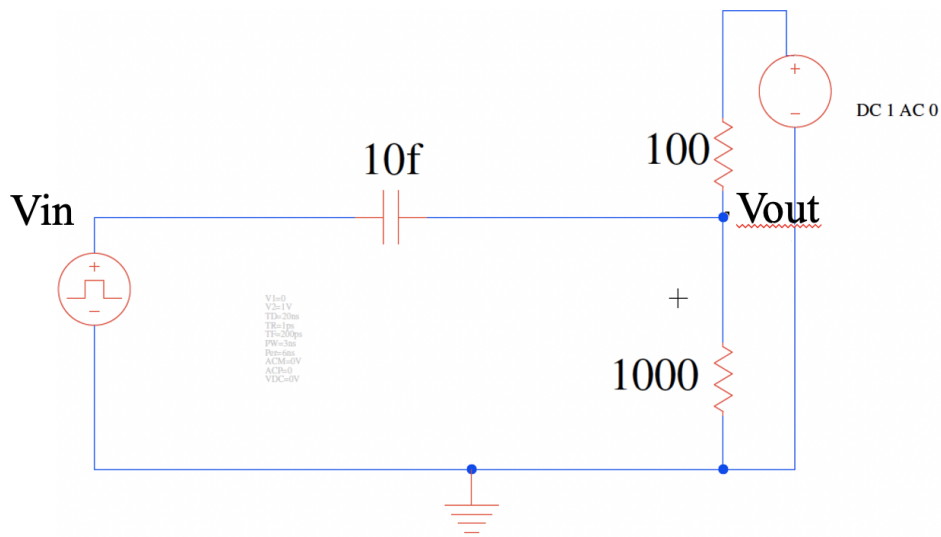

Hint: How many terminal pairs are there?

Terminal Pair	Capacitance

Use in class for notes to summarize cases and capacitances.

2. Assuming a step input from 0 to 1V by the pulse generator on the left, what does the voltage on $Vout$ as a function of time look like?

Hints: What is the initial voltage? What is the steady-state voltage as $t \to \infty$?