

Corrections to Homework 6 Solutions:  
There were a couple minor arithmetic errors.

Problem 1.a.:

Last line from ans - added when should have subtracted

**\*New Answer: ~640mV** (instead of ~760mV)

Problem 2.b.:

Dropped a factor of two.

**\*New answer: ~425 pS** (instead of 850pS)

This mistake carries to part d.

2.d.:

**\*New answer: ~6pF** (instead of 12pF)

**\*New Cd/Cj = ~33** --> diffusion capacitance is 33x junction cap