

Spring 2023, Math 579: Preliminary Problem Set 3
Due: Thursday, February 9th, 2023
Combinatorial Proofs

Preliminary problems. These problems should be completed before discussion on Thursday.

(P1) Invent a question to which the answer is $2^n - 1$.

(P2) Invent a question to which the answer is $\binom{n+1}{n-1}$.