

Winter 2017, Math 148: Week 7 Preliminary Problems
Due: Thursday, February 23rd, 2017
Block Designs

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

(P1) Find a 1-design with $v = 4$, $k = 2$, and $r = 1$. Do your blocks also form a 2-design?

(P2) Find a 2-design with parameters $v = 4$, $k = 2$, and $r = 1$. Why does your answer not simultaneously answer problem (P1)?