Spring 2024, Math 579: Preliminary Problem Set 5
Due: Thursday, February 22nd, 2024
Integer Partitions

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

(P1) Complete the list of all 16 strong compositions of $n = 5$ below.

$(4, 1)$

$(3, 2)$

$(2, 3)$

(P2) Complete the list of all 15 integer partitions of $n = 7$ below.

$$7 = 1 + 1 + 1 + 1 + 1 + 1 + 1$$
$$= 2 + 1 + 1 + 1 + 1 + 1$$