











The subsets that add upto => {3,43 346} and \$255} The pegeon hat principle can be applied like, we sequire atkast 4) numbers from the given set, so that laterast 2 or 3 will get added up to be 9. If we consider only 3 numbers, Let's say that subset be 11,2,49 and none of these add . , we can say that we need attrast 4 number from the given set to guarantee that atleast I pair of those numbers add upto 7.