SID: 480110301

Question 5

1. Weight capacity:

Box capacity:

1. Let be the deviations for weight loaded by truck 1 from 445 (half of the total weight of boxes)

Let be the deviations for weight loaded by truck 2 from 445 (half of the total weight of boxes)

Let be the deviations for number of boxes loaded by truck 1 from 3(half of the total number of boxes)

Let be the deviations for number of boxes loaded by truck 2 from 3(half of the total number of boxes)

(3)