3.

Given: Max wright to carry : W

Call each package i

so at most one truck can be at the station at any time

a simple greedy algorithm for packing: they pack boxes in the order they

arrive, and whenever the next box does not fit, they send the truck on its

way.

Your proof should follow the type of analysis we used for

the Interval Scheduling Problem: it should establish the optimality of this

greedy packing algorithm by identifying a measure under which it “stays

ahead” of all other solutions.

7

12

16.