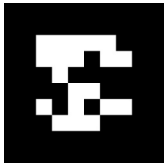
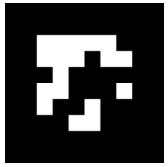
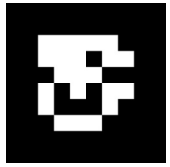
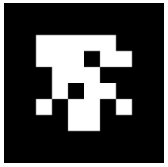
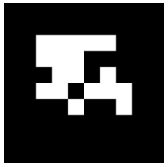
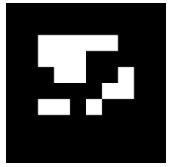




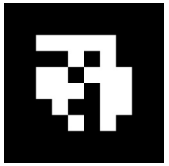
Calibration



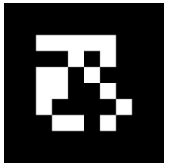


Warehouse layout



Introductory activity.
Place the docks (arrival and delivery), and then add as many shelves as you can. Start a simulation and evaluate the quality of your layout. Try again, placing more or less shelves. What does it change?

Order quantity



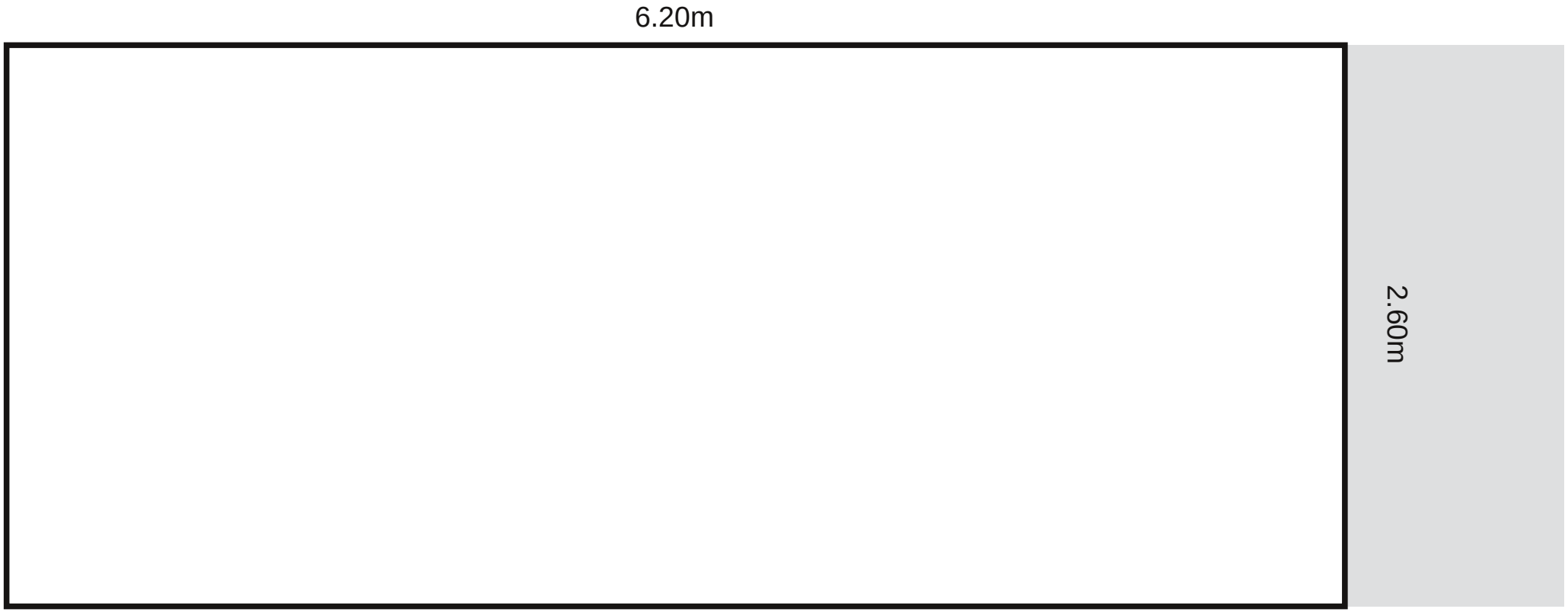
You are responsible for the storage management at your company. Based on the history of customer orders, decide every day if goods should be ordered and, if yes, in which quantity.
Can you avoid storage breaks? At which cost?

Levers' law

Place pallets on the levers below and try to bring them to equilibrium.
Try to find a way to predict where a pallet should be placed to equilibrate the lever.

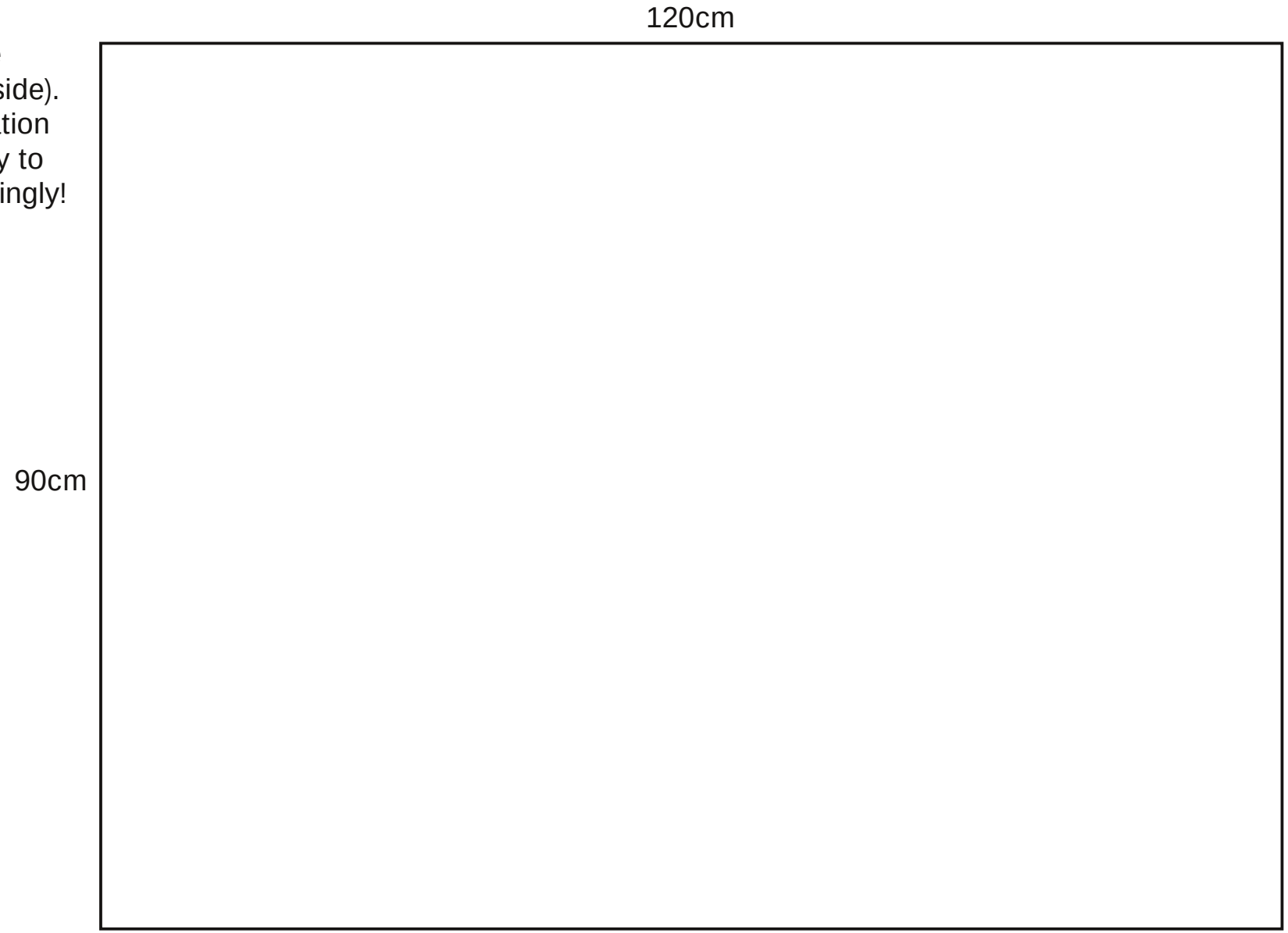
Truck loading

Load the pallets on the truck. The mass and the customer number is written on top of each pallet.
Please respect the rules while loading the truck and consider the delivery order while ordering the pallets.



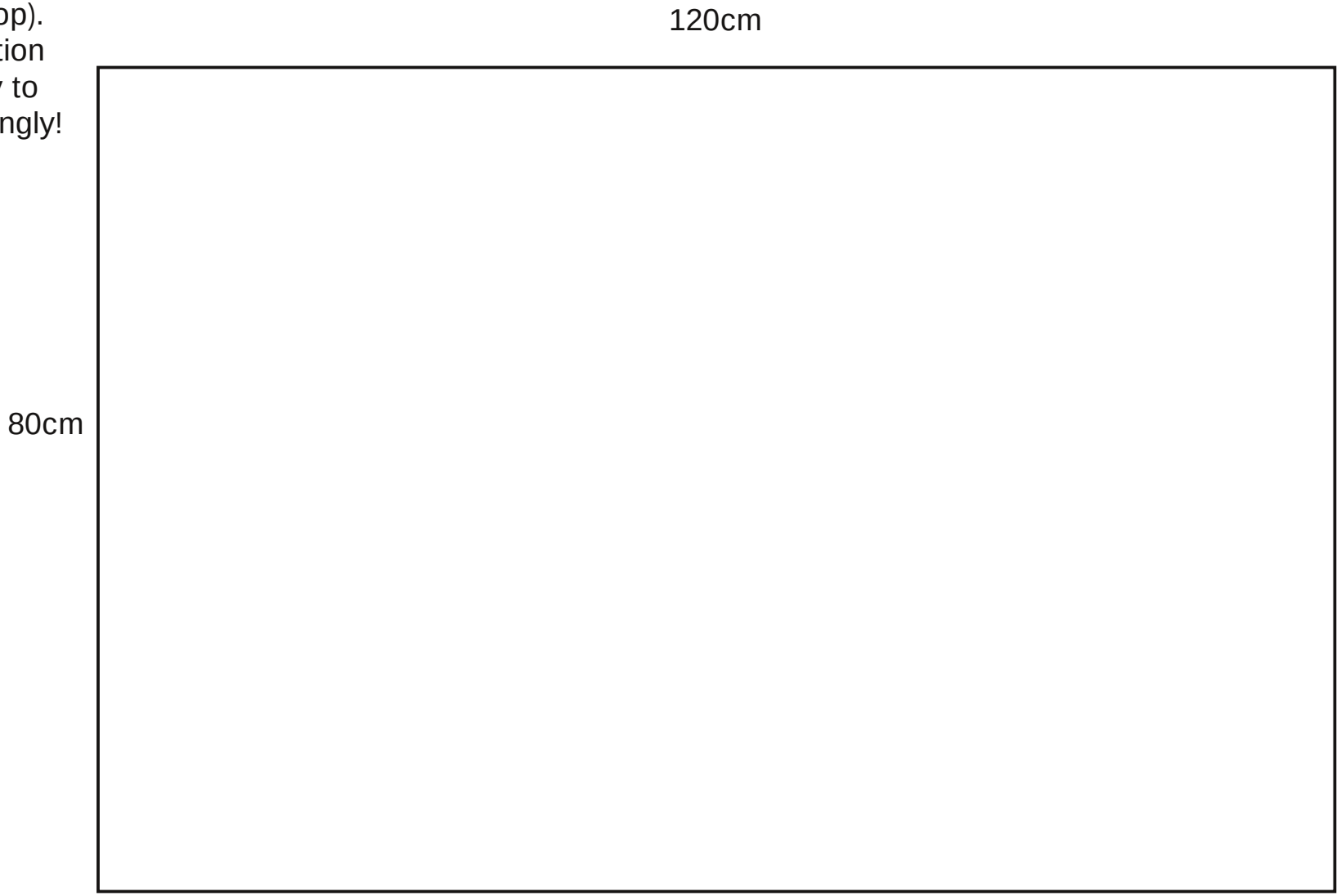
Palettisation (side view)

Place the parcels on the pallet (viewed from the side). What is the optimal location of the gravity center? Try to place the pallets accordingly!



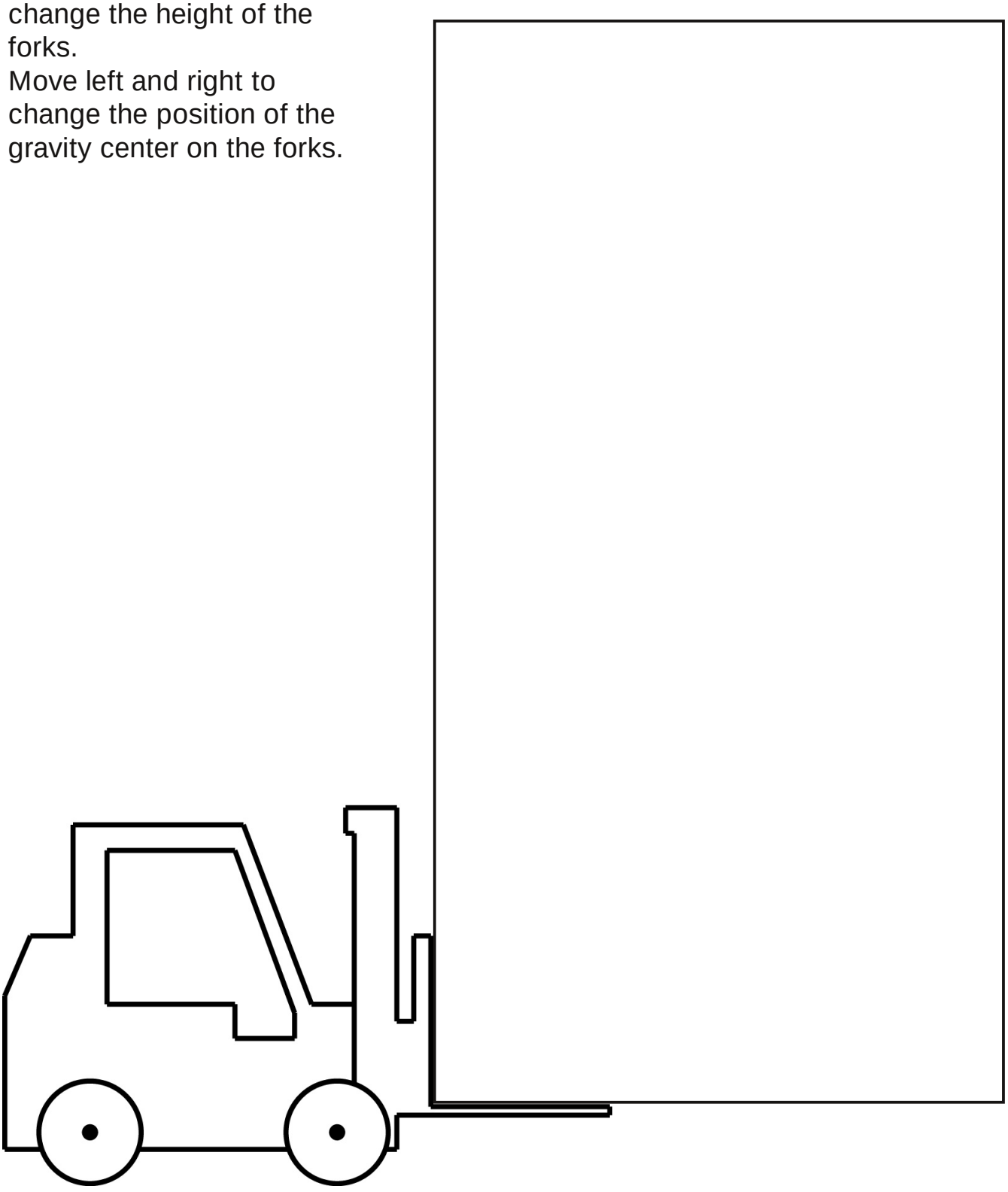
Palettisation (top view)

Place the parcels on the pallet (viewed from the top). What is the optimal location of the gravity center? Try to place the pallets accordingly!



Forklift load plate

Place a pallet on the forks.
Move it up and down to change the height of the forks.
Move left and right to change the position of the gravity center on the forks.



Forklift load plate