Divide with Remainders

1. Aron is helping his dad prepare party bags for his Bar Mitzvah.

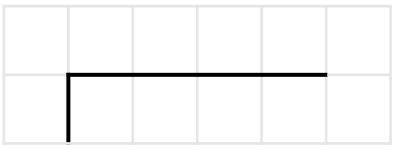
His dad has bought 1,436 sweets to share into party bags to give to the guests to take part in the tradition of sweet throwing at the event.

His dad has bought enough sweets so that there are:

A minimum of 3 sweets per bag	A maximum of 8 sweets per bag	Some sweets left over

Explore the different possible combinations of number of sweets in a party bag, the number of bags made and the remaining sweets that will be left over for the family. Show your working out for four possibilities below.

A.

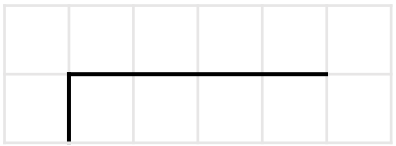


☐ sweets per bag

☐ bags

☐ sweets remaining

B.

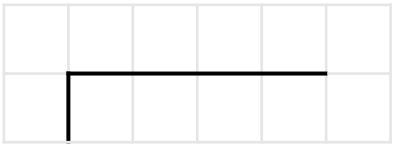


☐ sweets per bag

☐ bags

☐ sweets remaining

C.

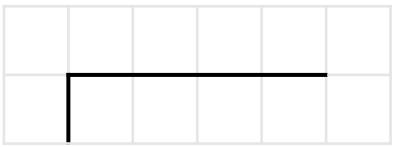


☐ sweets per bag

☐ bags

☐ sweets remaining

D.



☐ sweets per bag

☐ bags

☐ sweets remaining