

Numbers and Operations Menu Task:

Build as *few* groups of numbers as possible to satisfy each constraint at least once.

Each group must have at least 4 numbers in it.

A.	The sum of all the numbers in the group is an odd number	B.	The group of numbers does not contain consecutive (neighbour) numbers
C.	The sum of all the numbers in the group is an even number	D.	The total difference between all numbers in the group is greater than 10
E.	The group of numbers contains exactly three numbers	F.	The group has no repeat numbers

Which constraints pair nicely?

Which constraints cannot be paired?

Is it possible to solve in 2, 3, or 4 groups of numbers?

Describe how and why you built each group of numbers.

Be sure to identify which groups of numbers satisfy which constraints.