

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.

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| A. | The product of all the numbers in the group is an odd number | B. | The product of all the numbers in the group is greater than 50 |
| C. | The sum of all the numbers in the group is an even number | D. | The group contains at least one negative number |
| E. | The group of numbers contains exactly five 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.

