

How Grand is Your Total?

+

SUM A

-

DIFFERENCE

X

PRODUCT A

+

SUM B

9	9	9	9
8	8	8	8
7	7	7	7
6	6	6	6
5	5	5	5
4	4	4	4
3	3	3	3
2	2	2	2
1	1	1	1
0	0	0	0

X

PRODUCT B

QUOTIENT

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X

PRODUCT C

↑ SUM A ↓
↑ SUM B ↓
↑ DIFFERENCE ↓
↑ PRODUCT A ↓
↑ PRODUCT B ↓
↑ PRODUCT C ↓
↑ QUOTIENT ↓
★★ GRAND TOTAL ★★

How Grand is Your Total?

DIRECTIONS

Partners, Calculators and Pencils (with erasers) are encouraged!

1. Work the 7 problems, trying to generate as great an answer as you can for each problem.
2. You can use the digits 0 to 9, up to 4 times each, in creating all 7 problems. You can keep track of the digits you use inside the grid.
3. The goal is to maximize the grand total, from adding totals of all the problems, under the conditions given.

Some things to think about and to talk about with others as you work.

- Are there problems that impact the grand total more than others?
- Where will you place the digits that are the greatest? The least?
- Since there are 36 boxes to fill & 40 possible digits to use which 4 digits will you not use at all?
- Are you happy with your first grand total? How could you rearrange your digits to increase your score?

