

Numbers and Operations Menu Task 3:

Write as *few* multiplication sentences as possible to satisfy each constraint at least once.

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| A. | The product is less than 25 | B. | The difference between the factors is 2 |
| C. | Is a perfect square | D. | Contains one even and one odd factor |
| E. | The factors added together is less than 10 | F. | Contains 3 or more equal groups. |

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 chose each multiplication sentence.

Be sure to identify which multiplication sentence satisfy which constraints.