Factor Captor

Skill: Finding factors of a number

Materials
- counters (48 for Grid 1; 70 for Grid 2)
- 2 calculators
- 2 pencils and 2 sheets of paper

Players: 2

Object of the Game: To have the higher total score.

How to Play:
1. Player 1 chooses a 2-digit number on the grid, covers it with a counter, and records the number. This is Player 1’s score for the round.
2. Player 2 covers all of the factors of that number on the same grid. A factor may be covered only once during a round. Player 2 finds and records the sum of the factors. This is Player 2’s score for the round.
3. If Player 2 missed any factors, Player 1 can cover them with counters and add them to his or her score.
4. Players switch roles for each round.
5. Any covered number may not be used again.
6. The first player in a round may not cover a 1-digit number unless no other numbers are available.
7. Play continues until all numbers have been covered. Players then use calculators to find their total scores. The player with the higher score wins.