The Factor Game

Play with a partner.
You will need one game board and 2 coloured markers.
The object of the game is to circle the factors of a number.
Decide who will be Player A and Player B.

➤ Player A circles a number on the game board and scores that number.
   Player B uses a different colour to circle all the factors of that number not already circled. She scores the sum of the numbers she circles.
   
   **For example**, suppose Player A circles 18.
   Player B circles 1, 2, 3, 6, and 9 (18 is already circled) to score \(1 + 2 + 3 + 6 + 9 = 21\) points

➤ Player B circles a new number.
   Player A circles all the factors of that number not already circled. Record the scores.

➤ Continue playing.
   If a player chooses a number with no factors left to circle, the number is crossed out. The player loses her or his turn, and scores no points.
   
   **For example**, if player A circled 16, but 1, 2, 4, and 8 have already been circled, he would lose his turn and score no points.

➤ The game continues until all numbers have been circled or crossed out. The player with the higher score wins.