Name _____     Date _____

# Tanya's Work

**2.** Describe how you chose numbers for the "Best" game board. Use terms such as "factors," "multiples," and "prime" in your description.

**First, I thought about which numbers can happen on the spinner. It was the numbers with both factors on the spinner like 10, 12, and 20. Then I thought some numbers have more factors on the spinner, like 12 could be 3 × 4 or 6 × 2. I put a lot of those numbers I could think of on my board.**

**3.** Describe how you chose numbers for the "Worst" game board. Use terms such as "factors," "multiples," and "prime" in your description.

**Just the opposite of the best board. I picked numbers that don't have factors on the board. Like 22 is 2 × 11, but 11 isn't on the board so it's bad. Or primes don't work either since 1 isn't there, so I picked them a lot.**

**4.** Play Product Bingo using the game boards you designed. Did your "Best" game board win or not? Explain why.

**My best board won twice and lost some too. It had a lot of good numbers with factors on the spinner. My worst board lost all the time. It hardly got any beans at all.**

| | Yes . . . | Yes, but . . . | No, but . . . | No . . . |
|---|---|---|---|---|
| **MPE5. Show my work.** I show or tell how I arrived at my answer so someone else can understand my thinking. | | | | |