

**Grade 7 - Connecting the Standards for Mathematical Practices to Instructional Tasks**

**Task:**

- Complete the problem shown below.
- Share your approach and outcome to the problem with the members of your group.
- Identify the standards to which this problem has connections.
- Discuss how this problem might be used within a lesson that incorporates the identified standards. It might be used as motivation, warm-up, review, enrichment, etc.
- Identify the Standards for Mathematical Practice to which this problem has connections.
- Discuss how using this problem might help students to become more proficient with the identified Standards for Mathematical Practice.

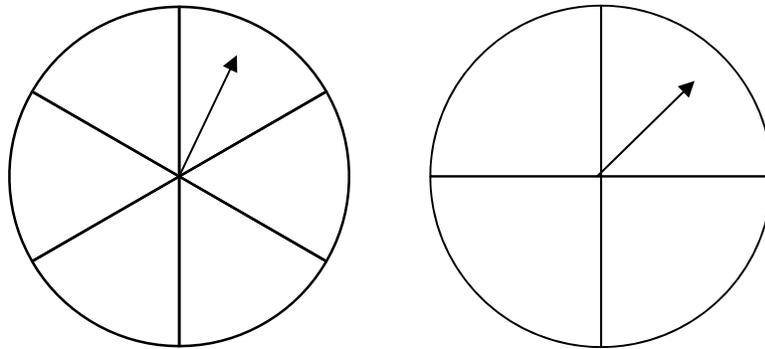
**Problem: Spinners**

Donna and Wendi are going to play a spinner game. These are the rules:

- When each girl takes a turn, she spins the arrows on BOTH spinners.
- She adds the two numbers that the arrows land on.
- If the sum is odd, Donna wins even if it is not her turn.
- If the sum is even, Wendi wins even if it is not her turn.

Using each number only once, fill in the spinners below with the numbers 0 – 9 so that Donna wins more frequently than Wendi.

**Work**



**Solution**

**Content Standards**

**Rationale for the selection**

**How might this problem be used in a lesson?**

**Standards for Mathematical Practice**

**Rationale for the selection**