Unit 8 Lesson 11: What's the Difference?

WU Number Talk: Subtracting Fractions (Warm up)

Student Task Statement

Find the value of each difference mentally.

- $\frac{2}{3} - \frac{1}{6}$
- $\frac{2}{3} - \frac{1}{2}$
- $\frac{2}{3} - \frac{4}{6}$
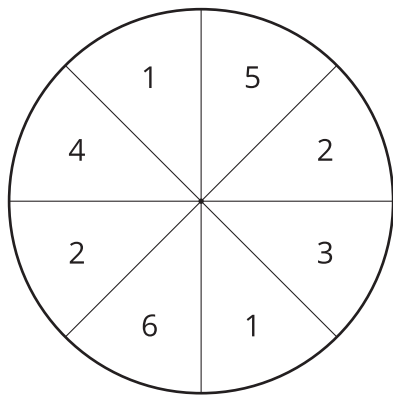- $\frac{2}{3} - \frac{1}{4}$

1 Greatest Difference

Student Task Statement

Use the directions to play Greatest Difference with a partner.

1. Spin the spinner.
2. Each player writes the number that was spun in an empty box for Round 1. Be sure your partner cannot see your paper.
3. Once a number is written down, it cannot be changed.
4. Continue spinning and writing numbers in the empty boxes until all 4 boxes have been filled.
5. Find the difference.
6. The person with the greatest difference wins the round.
7. After all 4 rounds, the player who won the most rounds, wins the game.
8. If there is a tie, players add the differences from all 4 rounds and the highest total wins the game.

Round 1

$$\frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} =$$

Round 2

$$\frac{\square}{\square} - \frac{\square}{\square} =$$

Round 3

$$\frac{\square}{\square} - \frac{\square}{\square} =$$

Round 4

$$\frac{\square}{\square} - \frac{\square}{\square} =$$

2 What is the Smallest Difference?

Student Task Statement

Use the numbers below to fill in the squares. Find each difference. Add the 2 differences together.

1	1	2	2	3	4	5	6

$$\frac{\square}{\square} - \frac{\square}{\square} =$$

$$\frac{\square}{\square} - \frac{\square}{\square} =$$