Grade 5 Unit 8
Lesson 10
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Unit 8 Lesson 10: Here Comes the Sum

WU Number Talk: Adding Fractions (Warm up)

Student Task Statement

Find the value of each expression mentally.

- $\frac{2}{12} + \frac{1}{6}$
- $\frac{2}{6} + \frac{1}{2}$
- $\frac{1}{3} + \frac{1}{2}$
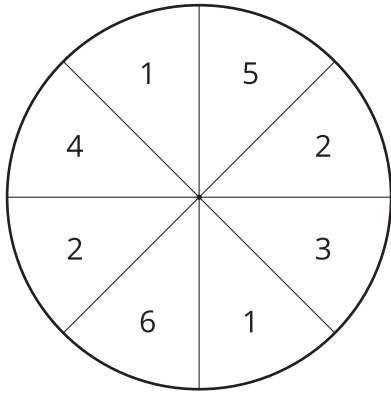- $\frac{1}{3} + \frac{3}{2}$

1 Greatest Sum

Student Task Statement

Use the directions to play Greatest Sum 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 sum.
6. The person with the greater sum 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 sums from all 4 rounds and the highest total sum wins the game.

Round 1

$$\frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} =$$

$$\boxed{} + \boxed{} =$$

Round 3

$$\boxed{} + \boxed{} =$$

Round 4

$$\boxed{} + \boxed{} =$$

Total sum of all 4 rounds:

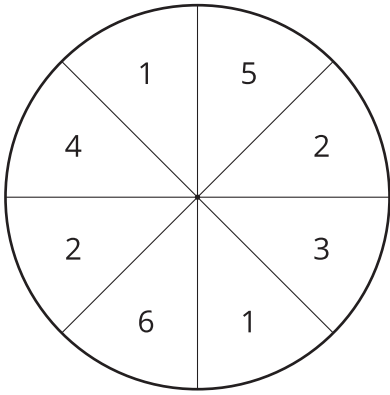## 2 Smallest Sum

Student Task Statement

Use the directions to play Smallest Sum 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 sum.
6. The person with the lesser sum 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 sums from all 4 rounds and the lesser total sum wins the game.

Round 1

$$\boxed{} + \boxed{} =$$

Round 2

```
      1    5
  4            2

  2            3
      6    1
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$$\frac{\square}{\square} + \frac{\square}{\square} =$$

Round 3

$$\frac{\square}{\square} + \frac{\square}{\square} =$$

Round 4

$$\frac{\square}{\square} + \frac{\square}{\square} =$$

Total sum of all 4 rounds: