Unit 8, Lesson 11

What’s the Difference?

Let's subtract fractions.

Warm-up

Number Talk: Subtracting Fractions

Find the value of each difference mentally.

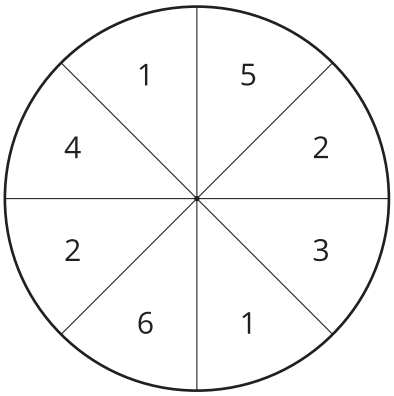
- $\frac{2}{3} - \frac{1}{6}$
- $\frac{2}{3} - \frac{2}{6}$
- $\frac{2}{3} - \frac{4}{6}$
- $\frac{2}{3} - \frac{1}{2}$

Activity 1

Greatest Difference

Use the directions to play Greatest Difference with a partner.

1. Spin the spinner.
2. Write the number in an empty box for Round 1. Be sure your partner can't see your paper. Once a number is written down, it can't be changed.
3. Take turns. Spin and write numbers in the empty boxes until all 4 boxes have been filled.
4. Find the difference.
5. The partner with the greater difference wins the round.
6. The partner who won the most rounds wins the game. If there is a tie, partners add the differences from all 4 rounds. The greater total sum wins the game.



Round 1

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

Round 2

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

Round 3

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

Round 4

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

Total sum of all 4 rounds:

Activity 2

What is the Least Difference?

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

1 1 2 2 3 4 5 6

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

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