

Grade 4 Unit 3

Lesson 18

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Unit 3 Lesson 18: Lots of Fractions to Add

WU Number Talk: A Bunch of Numbers (Warm up)

Student Task Statement

Find the value of each expression mentally.

- $54 + 2 + 18$
- $61 + 104 + 39$
- $25 + 63 + 75 + 7$
- $50 + 106 + 19 + 101$

1 Stack Centavos and Pesos

Student Task Statement

Diego and Lin each have a small collection of Mexican coins.

The table shows the thickness of different coins in centimeters (cm) and how many of each Diego and Lin have.



coin value	thickness in cm	Diego	Lin
1 centavo	$\frac{12}{100}$	3	1
10 centavos	$\frac{22}{100}$	0	1
1 peso	$\frac{16}{100}$	0	1
2 pesos	$\frac{14}{100}$	0	1

coin value	thickness in cm	Diego	Lin
5 pesos	$\frac{2}{10}$	1	1
20 pesos	$\frac{25}{100}$	2	1

1. If Diego and Lin each stack their centavo coins, whose stack would be taller? Show your reasoning.
2. If they each stack their peso coins, whose stack would be taller? Show your reasoning.
3. If they each stack all their coins, whose stack would be taller? Show your reasoning.
4. If they combine their coins to make a single stack, would it be more than 2 centimeters tall? Show your reasoning.

2 More Than Two Fractions

Student Task Statement

Find the value of at least 3 of the expressions. Show your reasoning.

1. $\frac{2}{100} + \frac{13}{10} + \frac{1}{10} + \frac{8}{100}$
2. $\frac{50}{10} + \frac{16}{100} + \frac{2}{10}$
3. $\frac{3}{10} + \frac{4}{100} + \frac{7}{10} + \frac{26}{100}$
4. $\frac{4}{100} + 3\frac{2}{10} + 1\frac{5}{10}$
5. $1\frac{1}{10} + 5\frac{2}{100} + \frac{78}{100}$
6. $2\frac{7}{10} + \frac{2}{100} + \frac{8}{10}$