

Grade 5 Unit 6

Lesson 13

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Unit 6 Lesson 13: Put It All Together: Add and Subtract**Fractions****WU Number Talk: Sums with $\frac{1}{8}$ (Warm up)**

Student Task Statement

Find the value of each expression mentally.

- $\frac{1}{8} + \frac{5}{8}$
- $\frac{1}{8} + \frac{6}{16}$
- $\frac{1}{8} + \frac{1}{3}$
- $\frac{1}{8} + \frac{5}{12}$

1 Common Denominators

Student Task Statement

$$\frac{4}{6} + \frac{5}{8}$$

Tyler says: "To find the sum, I can use 18 as a common denominator."

Han says: "To find the sum, I can use 24 as a common denominator."

Clare says: "To find the sum, I can use 48 as a common denominator."

1. Whom do you agree with? Explain or show your reasoning.
2. What is the value of $\frac{4}{6} + \frac{5}{8}$?
3. Are there other common denominators you could use to find the sum? Explain or show your reasoning.

2 Unlike Denominators

Student Task Statement

Find the value of each expression. Explain or show your reasoning.

1. $\frac{2}{5} + \frac{13}{15}$
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2. $\frac{6}{5} - \frac{1}{3}$

3. $\frac{11}{12} + 3\frac{5}{9}$

4. $\frac{6}{10} - \frac{9}{25}$