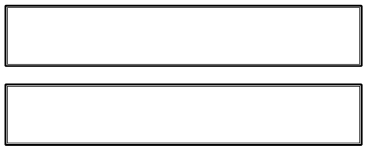
Lesson 5-3 Adding and Subtracting Decimals

1

Adding fractions using models

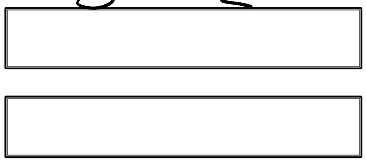
- ADD $\frac{1}{2} + \frac{1}{3}$



2

Subtract using models

- Subtract: $\frac{2}{3} - \frac{1}{2}$



3

Rules for adding and subtracting fractions with same denominator

- Addition: Add numerators together and keep denominators the same
- Subtraction: Subtract the numerators from one another and keep the denominators the same

4

Adding and subtracting fractions with different denominators

- Rewrite fractions using a common denominator then simplify.
- Ex: $\frac{3}{8} - \frac{1}{4}$

5

What if we have a variable in the denominator or numerator?

- Add: $\frac{7}{d} = \_\_$

$+ \frac{2d}{3} = \_\_$

6

Subtract with variables

$$\frac{3}{n} = \_\_\_$$

$$-\frac{3}{10} = \_\_\_$$

7

Mixed numbers

- Convert the mixed number and then work them out
- OR
- Work the same way: Put the whole numbers off to the side and then add or subtract later.

8

Mixed numbers (your way)

$$2\frac{2}{3}$$

$$+1\frac{3}{4}$$

9

Mixed Number (my way)

$2\frac{2}{3}$

$+1\frac{3}{4}$

10

In class / PB

- Page 238 (10-34 even and 42 and 44)

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