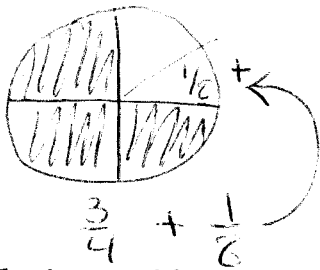


1. Suppose you eat $\frac{3}{4}$ of a pizza and then eat $\frac{1}{8}$ of another pizza the same size. How much of a whole pizza did you eat altogether?



$= \frac{7}{8}$ because $\frac{3}{4} = \frac{6}{8}$ plus $\frac{1}{8} = \frac{7}{8}$

2. Taylor and his friends eat part of a pan of lasagna. Taylor eats $\frac{2}{16}$ of the lasagna, Kyle eats $\frac{3}{32}$ of the lasagna, Logan eats $\frac{3}{16}$ of the lasagna, and Blake eats $\frac{2}{8}$ of the lasagna.

- a. How much of the lasagna did Taylor and his friends eat?

Taylor $\frac{2}{16} = \frac{4}{32}$

Blake $= \frac{2}{8} = \frac{8}{32}$

Kyle $\frac{3}{32}$

So $\frac{4}{32} + \frac{3}{32} + \frac{6}{32} + \frac{8}{32} = \frac{21}{32}$ Lasagna Eaten

Logan $\frac{3}{16} = \frac{6}{32}$

- b. How much of the lasagna is left?

1 whole lasagna $= \frac{32}{32}$
 $-\frac{21}{32}$
 \hline
 $-\frac{21}{32}$
 \hline
 $\frac{11}{32}$ left over

3. Estimate each sum

a. $11\frac{1}{2} + 2\frac{2}{3}$

about

$11\frac{1}{2} + 2\frac{1}{2}$

14

about

b. $2\frac{5}{6} + 1\frac{1}{3}$

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

4

about

c. $4\frac{4}{9} + 2\frac{1}{5}$

$4\frac{1}{2} + 2$

$6\frac{1}{2}$

4. Estimate each difference

a. $4\frac{1}{3} - \frac{5}{12}$

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

$3\frac{1}{2}$

About

b. $1\frac{3}{5} - 1\frac{1}{3}$

$1\frac{1}{2} - 1\frac{1}{2}$

0

About

c. $8\frac{11}{12} - 2\frac{3}{4}$

$9 - 3$

6

About

5. Find each sum

a. $11\frac{1}{2} + 2\frac{2}{3}$

$11\frac{3}{6} + 2\frac{4}{6} = 13\frac{7}{6}$

or $14\frac{1}{6}$

b. $2\frac{5}{6} + 1\frac{1}{3}$

$2\frac{5}{6} + 1\frac{2}{6}$

$3\frac{7}{6}$ or $4\frac{1}{6}$

c. $4\frac{4}{9} + 2\frac{1}{5}$

$4\frac{20}{45} + 2\frac{9}{45}$

$6\frac{29}{45}$

6. Find each difference

a. $4\frac{1}{3} - \frac{5}{12}$

$3 + 1$
 $4\frac{4}{12}$

$3\frac{12}{12} + \frac{4}{12} = 3\frac{16}{12}$

$-\frac{5}{12}$

$-\frac{5}{12}$

$3\frac{11}{12}$

b. $1\frac{3}{5} - 1\frac{1}{3}$

$1\frac{9}{15} - 1\frac{5}{15}$

$\frac{4}{15}$

c. $8\frac{11}{12} - 2\frac{3}{4}$

$8\frac{11}{12} - 2\frac{9}{12}$

$6\frac{2}{12}$

or $6\frac{1}{6}$

7. Suppose you are helping a student who has not studied fractions. What important things can you tell them about adding or subtracting fractions?

→ Be sure to re-write the fractions with common denominators

→ find the sum/difference of the numerators

↳ Denominators STAY the same