

+ & - FRACTIONS

U-K-N-O-W

GRADE

5

ADD & SUBTRACT FRACTIONS

1

Estimate the sum or difference.

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

ADD & SUBTRACT FRACTIONS

Draw 2

Name the least common denominator for the two fractions below.

$$\frac{3}{4} \text{ \& } \frac{5}{6}$$

ADD & SUBTRACT FRACTIONS

Skip

Liam is making a snack mix. He took $3\frac{2}{3}$ cups of popcorn and mixed it with $\frac{5}{8}$ cup of chocolate. How many cups of mix does Liam have together?

ADD & SUBTRACT FRACTIONS

Wild

Draw 4

Find the sum or difference.

$$2\frac{3}{4} + 1\frac{7}{8}$$



MATH REVIEW GAME

COLOR & INK FRIENDLY

VERSIONS INCLUDED!

ADD & SUBTRACT FRACTIONS

9

Estimate the sum or difference

$$\frac{5}{6}$$

ADD & SUBTRACT FRACTIONS

Skip

Pablo had a piece of wood that was $2\frac{9}{10}$ feet long. He cut off $\frac{7}{8}$ of a foot to build a bird house. How big is the piece of wood now?

ADD & SUBTRACT FRACTIONS

9

Estimate the sum or difference

$$\frac{5}{6} -$$

ADD & SUBTRACT FRACTIONS

Skip

Pablo had a piece of wood that was $2\frac{9}{10}$ feet long. He cut off $\frac{7}{8}$ of a foot to build a bird house. How big is the piece of wood now?

56 DIFFERENT CARDS

TO PRACTICE THE SKILL!

<p>ADD & SUBTRACT FRACTIONS</p> <p>1</p> <p>Estimate the sum or difference.</p> $\frac{5}{8} + 1\frac{2}{5}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>2</p> <p>Name the least common denominator for the two fractions below.</p> $\frac{1}{6} \text{ \& } \frac{3}{8}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>3</p> <p>Name the rule for the pattern below.</p> $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, 1$	<p>ADD & SUBTRACT FRACTIONS</p> <p>4</p> <p>A recipe for brownies calls for $\frac{1}{2}$ cup of milk and $\frac{3}{4}$ cup of butter. How many more cups of milk do you need than butter to make the brownies?</p>
<p>ADD & SUBTRACT FRACTIONS</p> <p>5</p> <p>Find the sum or difference.</p> $\frac{1}{2} + \frac{2}{5}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>6</p> <p>Find the sum or difference.</p> $\frac{5}{6} - \frac{3}{8}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>7</p> <p>Find the sum or difference.</p> $3\frac{2}{3} + 1\frac{3}{4}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>8</p> <p>Kamille is making mac and cheese for dinner. The recipe calls for $\frac{1}{2}$ cup of milk and $2\frac{1}{4}$ cups of melted cheese. If she mixes them both together how many cups of cheese sauce will she have?</p>

<p>ADD & SUBTRACT FRACTIONS</p> <p>9</p> <p>Estimate the sum or difference.</p> $\frac{5}{6} - \frac{3}{8}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Draw 2</p> <p>Name the least common denominator for the two fractions below.</p> $\frac{1}{3} \text{ \& } \frac{1}{4}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Reverse</p> <p>Name the rule for the pattern below.</p> $\frac{1}{4}, \frac{5}{8}, 1\frac{3}{8}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Skip</p> <p>Ivan bought $\frac{2}{3}$ pound of red grapes and $\frac{3}{4}$ pound of green grapes. How many pounds of grapes did Ivan buy?</p>
<p>ADD & SUBTRACT FRACTIONS</p> <p>9</p> <p>Find the sum or difference.</p> $\frac{1}{5} + \frac{3}{4}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Draw 2</p> <p>Find the sum or difference.</p> $\frac{8}{9} - \frac{5}{6}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Reverse</p> <p>Find the sum or difference.</p> $2\frac{2}{9} + 1\frac{1}{6}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Skip</p> <p>Pablo had a piece of wood that was $2\frac{1}{2}$ feet long. He cut off $\frac{7}{8}$ of a foot to build a bird house. How big is the piece of wood now?</p>

<p>ADD & SUBTRACT FRACTIONS</p> <p>1</p> <p>Estimate the sum or difference.</p> $\frac{9}{10} - \frac{5}{8}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>2</p> <p>Name the least common denominator for the two fractions below.</p> $\frac{5}{9} \text{ \& } \frac{3}{12}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>3</p> <p>Name the rule for the pattern below.</p> $\frac{1}{12}, \frac{5}{6}, \frac{7}{12}, 1$	<p>ADD & SUBTRACT FRACTIONS</p> <p>4</p> <p>Ella and her sister went to get a haircut. Ella got $2\frac{3}{8}$ inches cut off and her sister got $1\frac{1}{4}$ inches cut off. How many more inches did Ella get cut off compared to her sister?</p>
<p>ADD & SUBTRACT FRACTIONS</p> <p>5</p> <p>Find the sum or difference.</p> $\frac{3}{10} + \frac{1}{6}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>6</p> <p>Find the sum or difference.</p> $\frac{9}{10} - \frac{1}{4}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>7</p> <p>Find the sum or difference.</p> $1\frac{1}{3} + 2\frac{1}{4}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>8</p> <p>In science class, the students were mixing two different liquids together. One flask has $\frac{3}{5}$ liters of liquid and another flask has $\frac{2}{3}$ liters of liquid. How much total liquid will the mixture be?</p>

<p>ADD & SUBTRACT FRACTIONS</p> <p>1</p> <p>Estimate the sum or difference.</p> $\frac{11}{12} + \frac{6}{10}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>2</p> <p>Name the least common denominator for the two fractions below.</p> $\frac{1}{2} \text{ \& } \frac{6}{15}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>3</p> <p>Name the missing fraction for the pattern below.</p> $\frac{1}{2}, \frac{2}{3}, \frac{5}{6}, \dots$	<p>ADD & SUBTRACT FRACTIONS</p> <p>4</p> <p>Samantha started a new book this week. She read $\frac{2}{5}$ of the book on Monday, $\frac{1}{3}$ on Tuesday, and $\frac{1}{4}$ on Thursday. How much of the book did Samantha read so far?</p>
<p>ADD & SUBTRACT FRACTIONS</p> <p>5</p> <p>Find the sum or difference.</p> $\frac{5}{8} + \frac{2}{5}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>6</p> <p>Find the sum or difference.</p> $\frac{7}{9} - \frac{1}{3}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>7</p> <p>Find the sum or difference.</p> $2\frac{1}{2} - 1\frac{5}{6}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>8</p> <p>Cody filled a bucket with $4\frac{1}{2}$ gallons of water. Later he poured out $2\frac{1}{4}$ gallons of the water. How much water is left in the bucket?</p>

<p>ADD & SUBTRACT FRACTIONS</p> <p>9</p> <p>Estimate the sum or difference.</p> $\frac{2}{3} + \frac{4}{5}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Draw 2</p> <p>Name the least common denominator for the two fractions below.</p> $\frac{3}{4} \text{ \& } \frac{5}{6}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Reverse</p> <p>Name the missing fraction for the pattern below.</p> $\frac{3}{8}, \frac{9}{16}, \frac{4}{\dots}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Skip</p> <p>Jackson spent $1\frac{1}{3}$ hours on his homework last night. Horatio spent $\frac{2}{3}$ of an hour on his homework. How much longer did Jackson spend on his homework than Horatio?</p>
<p>ADD & SUBTRACT FRACTIONS</p> <p>9</p> <p>Find the sum or difference.</p> $\frac{3}{4} + \frac{1}{2}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Draw 2</p> <p>Find the sum or difference.</p> $\frac{5}{7} - \frac{2}{3}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Reverse</p> <p>Find the sum or difference.</p> $4\frac{1}{2} - 2\frac{1}{5}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Skip</p> <p>Liam is making a snack mix. He took $3\frac{1}{2}$ cups of popcorn and mixed it with $\frac{5}{8}$ cup of chocolate chips. How many cups of snack mix does Liam have all together?</p>

<p>ADD & SUBTRACT FRACTIONS</p> <p>1</p> <p>Estimate the sum or difference.</p> $\frac{5}{6} + 2\frac{1}{5}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>2</p> <p>Name the least common denominator for the two fractions below.</p> $\frac{2}{3} \text{ \& } \frac{4}{9}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>3</p> <p>Name the missing fraction for the pattern below.</p> $\frac{1}{9}, \frac{4}{9}, \frac{7}{9}, \dots$	<p>ADD & SUBTRACT FRACTIONS</p> <p>4</p> <p>Kristen spent $\frac{2}{5}$ of her allowance at the arcade and $\frac{1}{3}$ of her allowance on snacks. What fraction of Kristen's allowance did she spend in total?</p>
<p>ADD & SUBTRACT FRACTIONS</p> <p>5</p> <p>Find the sum or difference.</p> $\frac{5}{12} + \frac{3}{8}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>6</p> <p>Find the sum or difference.</p> $\frac{3}{4} - \frac{2}{3}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>7</p> <p>Find the sum or difference.</p> $4\frac{7}{8} - 1\frac{5}{6}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>8</p> <p>Lydia bought a bunch of beads to make necklaces. She bought $\frac{1}{4}$ pound of glass beads and $\frac{3}{8}$ pound of letter beads. How many more glass beads did Lydia buy?</p>

<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild¹</p> <p>Estimate the sum or difference.</p> $1\frac{7}{8} - 1\frac{3}{4}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild²</p> <p>Name the least common denominator for the two fractions below.</p> $\frac{3}{5} \text{ \& } \frac{1}{3}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild³</p> <p>Name the rule for the pattern below.</p> $\frac{1}{3}, \frac{2}{3}, 1$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild⁴</p> <p>For a school project, Danny is measuring the rainfall in his town. In September, $3\frac{3}{8}$ inches of rain fell. In October, $5\frac{7}{16}$ inches of rain fell. How much more rain fell in October than in September?</p>
<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild¹</p> <p>Draw 4</p> <p>Find the sum or difference.</p> $\frac{7}{12} + \frac{5}{6}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild²</p> <p>Draw 4</p> <p>Find the sum or difference.</p> $\frac{10}{15} - \frac{1}{5}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild³</p> <p>Draw 4</p> <p>Find the sum or difference.</p> $2\frac{3}{4} + 1\frac{7}{8}$	<p>ADD & SUBTRACT FRACTIONS</p> <p>Wild⁴</p> <p>At softball practice, the team worked on fielding the ball for $1\frac{2}{3}$ hours and batting for $\frac{3}{4}$ of an hour. How long was the practice?</p>

INCLUDES:

- ✓ 56 COLOR CARDS
- ✓ 56 INK-FRIENDLY CARDS
- ✓ DIRECTIONS FOR PLAYING
- ✓ ANSWER KEY
- ✓ ACCOUNTABILITY PAGES
- ✓ "CHEAT SHEET"

U-KNOW Recording Sheet

name: _____
 date: _____
 topic: _____

Color: _____ Card Type: _____
 Answer: _____ Work

Color: _____ Card Type: _____
 Answer: _____ Work

Color: _____ Card Type: _____
 Answer: _____ Work

Color: _____ Card Type: _____
 Answer: _____ Work

ADD & SUBTRACT FRACTIONS CHEAT SHEET

Adding Fractions with LIKE Denominators

- Add numerators.
- Keep denominator the same.
- Reduce.

$$\begin{array}{r} \textcircled{2} \quad \textcircled{3} \quad \textcircled{5} \\ \textcircled{+} \quad \textcircled{10} \quad \textcircled{+} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{1} \quad \textcircled{2} \end{array}$$

Subtracting Fractions with LIKE Denominator

- Subtract numerators.
- Keep denominator the same.
- Reduce.

$$\begin{array}{r} \textcircled{9} \quad \textcircled{4} \quad \textcircled{5} \\ \textcircled{-} \quad \textcircled{10} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{1} \quad \textcircled{2} \end{array}$$

Adding Fractions with UNLIKE Denominators

Find the LCD.
 Make equivalent fractions.
 Add the numerators.
 Keep denominator the same.
 Reduce.

5: 10, 15, 20, 25
 10: 10, 20, 30, 40, 50
 LCD: 10

$$\begin{array}{r} 9 \quad 4 \\ \textcircled{+} \quad \textcircled{10} \quad \textcircled{+} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{17} \quad \textcircled{10} \end{array}$$

Subtracting Fractions with UNLIKE Denominator

- Find the LCD.
- Make equivalent fractions.
- Subtract the numerators.
- Keep denominator the same.
- Reduce.

5: 5, 10, 15, 20, 25
 10: 10, 20, 30, 40, 50
 LCD: 10

$$\begin{array}{r} 8 \quad 3 \\ \textcircled{-} \quad \textcircled{10} \quad \textcircled{5} \quad \textcircled{=} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{8} \quad \textcircled{6} \\ \textcircled{+} \quad \textcircled{10} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{10} \quad \textcircled{=} \quad \textcircled{2} \quad \textcircled{1} \quad \textcircled{2} \end{array}$$

ADD & SUBTRACT FRACTIONS U-KNOW ANSWER KEY

BLUE		GREEN		RED		YELLOW	
1:	about 2	1:	about 1/2	1:	about 1 1/2	1:	about 3
2:	24	2:	36	2:	30	2:	9
3:	add 1/4	3:	subtract 3/12 or 1/4	3:	6/6 = 1 whole	3:	1 1/9
4:	19/36 cups	4:	1 7/15 inches	4:	3/4 of the book	4:	21/40 of her allowance
5:	9/10	5:	14/30 = 7/15	5:	1 1/40	5:	19/24
6:	11/24	6:	13/20	6:	4/9	6:	1/2
7:	5 5/12	7:	3 7/12	7:	4/6 = 2/3	7:	3 1/24
8:	2 5/6 cups	8:	1 13/30 liters	8:	2 5/12	8:	13/24 pounds
9:	about 1/2	9:	19/20	9:	about 1 1/2	9:	1 1/4
D2:	12	D2:	1/8	D2:	12	D2:	1/21
R:	add 3/8	R:	3 7/18	R:	15/16	R:	2 3/10
S:	1 3/20 pounds	S:	2 1/40 feet	S:	11/24	S:	4 7/24 cups

WILD (DRAW 4)	
1	about 0
2	15
3	add 2/12 or 1/6
4	2 1/10 inches

YOUR STUDENTS WILL BE BEGGING TO PLAY!!

USE FOR CENTERS, EARLY FINISHERS, SMALL GROUPS & MORE. STUDENTS HAVE ASKED TO PLAY AT LUNCH AND EVEN DURING RECESS!!



"MY STUDENTS LOVED THIS GAME. WE USED IT AS PART OF THE "MATH" STATIONS. STUDENTS WERE ENGAGED AND SOLVING THE PROBLEMS. SUPPORTS AND CHALLENGES ALL LEARNERS"



"LOVE THESE U KNOW GAMES FOR MATH CENTERS TO REVIEW OR EARLY FINISHERS"

ADD & SUBTRACT FRACTIONS

8

In science class, the students were mixing different liquids. A flask has

ADD & SUBTRACT FRACTIONS

Wild¹

Estimate the sum or difference.

$$1 \frac{7}{8} - 1 \frac{3}{8}$$