Warm–Up

Directions: Work with your partner to find legal trades for the fraction strips below. Use your fraction kits and draw the legal trades.

LEGAL TRADE

1.

2.

3.

4.

Directions: Complete the following SOLVE problem with your teacher. You will only complete the S step.

Mayo's mother is pouring drinks for the family dinner. She poured $\frac{1}{4}$ cup of milk for Mayo's little sister and $\frac{3}{4}$ cup of milk for her brother. How many cups of milk did Mayo's mother pour?

S Underline the question.
This problem is asking me to find _____

_____.

Directions: Complete this page with your teacher and partner.

1.

Problem: $\frac{1}{3} + \frac{1}{3}$

↓

What color are the fraction strips?

↓

Think about this:
Numerators?

Denominators?

↓

Legally trade for fewer fraction pieces, if possible.

2.

Problem: $\frac{3}{8} + \frac{1}{8}$

↓

What color are the fraction strips?

↓

Think about this:
Numerators?

Denominators?

↓

Legally trade for fewer fraction pieces, if possible.

Directions: Complete this page with your teacher and partner.

3.

Problem:
$\frac{3}{6} + \frac{1}{6}$

↓

What color are the fraction strips?

↓

Think about this:

Numerators?

Denominators?

↓

Legally trade for fewer fraction pieces, if possible.

4.

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

↓

What color are the fraction strips?

↓

Think about this:

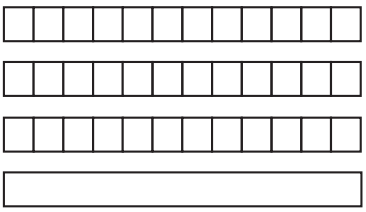
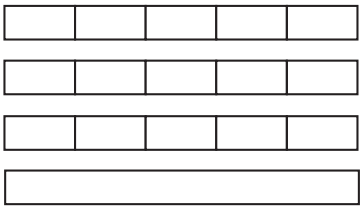
Numerators?

Denominators?

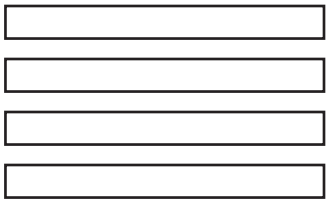
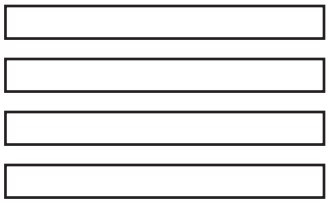
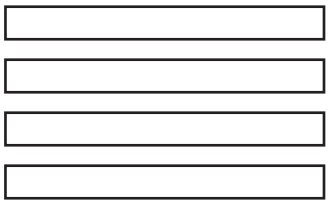
↓

Legally trade for fewer fraction pieces, if possible.

Directions: Complete this page with your teacher and partner.

Problem	Picture	Add fractions	Simplest form
1. $\frac{5}{12} + \frac{3}{12}$		$\frac{5}{12} + \frac{3}{12} =$	
2. $\frac{2}{5} + \frac{2}{5}$		$\frac{2}{5} + \frac{2}{5} =$	

Directions: Complete this page with your partner.

Problem	Picture	Add fractions	Simplest form
3. $\frac{1}{3} + \frac{2}{3}$		$\frac{1}{3} + \frac{2}{3} =$	
4. $\frac{2}{8} + \frac{1}{8}$		$\frac{2}{8} + \frac{1}{8} =$	
5. $\frac{3}{4} + \frac{1}{4}$		$\frac{3}{4} + \frac{1}{4} =$	

Directions: Complete this page with your teacher and partner.

Problem	Picture	Add fractions and determine simplest form.
1. $\frac{1}{5} + \frac{1}{5} =$		
2. $\frac{1}{12} + \frac{5}{12} =$		
3. $\frac{1}{4} + \frac{2}{4} =$		
4. $\frac{7}{10} + \frac{3}{10} =$		

LESSON 16: Add Fractions – Like Denominators

Directions: Complete this page with your teacher and partner.

1. $\frac{2}{8}$ + $\frac{5}{8}$ What do we do with the numerators? What do we do with the denominators? Rewrite number sentence:	**2.** $\frac{2}{6}$ + $\frac{3}{6}$ What do we do with the numerators? What do we do with the denominators? Rewrite number sentence:
3. $\frac{1}{2}$ + $\frac{1}{2}$ What do we do with the numerators? What do we do with the denominators? Rewrite number sentence:	**4.** $\frac{3}{10}$ + $\frac{5}{10}$ What do we do with the numerators? What do we do with the denominators? Rewrite number sentence:

Directions: Complete the following SOLVE problem with your teacher.

Mayo's mother is pouring drinks for the family dinner. She poured $\frac{1}{4}$ cup of milk for Mayo's little sister and $\frac{3}{4}$ cup of milk for her brother. How many cups of milk did Mayo's mother pour?

S Underline the question.

This problem is asking me to find _____

_____.

O Identify the facts.
Eliminate the unnecessary facts.
List the necessary facts.

L Choose an operation or operations.
Write in words what your plan of action will be.

V Estimate your answer.
Carry out your plan.

E Does your answer make sense? (Compare your answer to the question.)

Is your answer reasonable? (Compare your answer to the estimate.)

Is your answer accurate? (Check your work.)

Write your answer in a complete sentence.

LESSON 16: Add Fractions – Like Denominators

Directions: Complete the following problems. Draw pictures if needed. All sums should be simplified.

1. $\frac{1}{4} + \frac{1}{4} =$ _____

2. $\frac{3}{12} + \frac{4}{12} =$ _____

3. $\frac{2}{10} + \frac{4}{10} =$ _____

4. $\frac{4}{6} + \frac{2}{6} =$ _____

5. $\frac{1}{12} + \frac{1}{12} =$ _____

6. $\frac{4}{8} + \frac{2}{8} =$ _____

7. $\frac{1}{6} + \frac{1}{6} =$ _____

8. $\frac{2}{5} + \frac{1}{5} =$ _____

9. $\frac{3}{5} + \frac{1}{5} =$ _____

10. $\frac{1}{10} + \frac{3}{10} =$ _____

Homework

Name _____ **Date** _____

Directions: Solve the following problems. Draw pictures if needed to solve. All sums should be simplified.

1. $\frac{1}{10} + \frac{2}{10} =$ _____

2. $\frac{1}{8} + \frac{1}{8} =$ _____

3. $\frac{1}{5} + \frac{4}{5} =$ _____

4. $\frac{1}{6} + \frac{2}{6} =$ _____

5. $\frac{1}{12} + \frac{2}{12} =$ _____

6. $\frac{1}{6} + \frac{2}{6} =$ _____

7. $\frac{1}{8} + \frac{4}{8} =$ _____

8. $\frac{2}{5} + \frac{3}{5} =$ _____

9. $\frac{1}{6} + \frac{5}{6} =$ _____

10. $\frac{3}{8} + \frac{2}{8} =$ _____