

LESSON 16: Concept of Fractions

Warm-Up

Directions: Put the numbers below in the correct place on the number line using the letters to label.

A. 1,823 B. 2,899 C. 1,506 D. 2,523 E. 1,099 F. 1,975



1. Put the following numbers in order from least to greatest:

3,245 4,325 2,453 2,354 4,253

2. Put the following numbers in order from greatest to least:

6,592 5,926 5,962 5,269 6,295

3. Use the symbols $>$, $<$, and $=$ to compare the following numbers:

3,932 2,933 5,295 5,295 1,039 1,093

LESSON 16: Concept of Fractions

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

Mona and Arey baked two different kinds of bread for dinner. Mona likes wheat bread, and Arey likes whole grain bread. At the end of dinner, Mona had $\frac{1}{5}$ of a loaf of bread left, and Arey had $\frac{3}{10}$ of a loaf of bread left. Who had the most bread left?

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

Directions: Complete the rest of this page with your teacher and partner.

Look at the following fraction: $\frac{3}{4}$

1. What is the numerator?
2. What is the denominator?
3. What does the fraction mean?

Record legal trades below. Find as many as you can in the time your teacher allows.

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

LESSON 16: Concept of Fractions

Legal Trades – Kit 1

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

LESSON 16: Concept of Fractions

Legal Trades – Kit 1

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

LESSON 16: Concept of Fractions

Legal Trades – Kit 2

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

LESSON 16: Concept of Fractions

Legal Trades – Kit 3

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

LESSON 16: Concept of Fractions

Legal Trades for Kit 1, Kit 2 and Kit 3

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

Which of the following are equivalent? Draw fraction strips and pictures to help you solve.

1. $\frac{1}{2} = \frac{6}{12}$ Equivalent?	2. $\frac{1}{2} = \frac{7}{12}$ Equivalent?	3. $\frac{1}{3} = \frac{3}{6}$ Equivalent?
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Draw equivalent fractions for each of the following.

4. $\frac{2}{4} =$	5. $\frac{1}{5} =$	6. $\frac{2}{3} =$
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LESSON 16: Concept of Fractions

Directions: Complete the following SOLVE problem with your teacher.

Mona and Arey baked two different kinds of bread for dinner. Mona likes wheat bread, and Arey likes whole grain bread. At the end of dinner, Mona had $\frac{1}{5}$ of a loaf of bread left, and Arey had $\frac{3}{10}$ of a loaf of bread left. Who had the most bread left?

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: Concept of Fractions

Directions: Record legal trades below.

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

I GAVE Picture	PARTNER GAVE ME BACK Picture
Fraction	Fraction
=	

Which of the following are equivalent? Draw fraction strips and pictures to help you solve.

$\frac{1}{2} = \frac{4}{8}$	$\frac{1}{3} = \frac{4}{6}$	$\frac{5}{10} = \frac{1}{2}$
Equivalent?	Equivalent?	Equivalent?
$\frac{3}{5} = \frac{6}{10}$	$\frac{1}{3} = \frac{4}{5}$	$\frac{6}{8} = \frac{3}{6}$
Equivalent?	Equivalent?	Equivalent?

Draw equivalent fractions for each of the following.

$\frac{4}{12} =$	$\frac{1}{3} =$	$\frac{4}{6} =$
$\frac{4}{5} =$	$\frac{1}{4} =$	$\frac{1}{2} =$

LESSON 16: Concept of Fractions

Homework

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Name _____ **Date** _____

Directions: Complete the fraction equivalency problems.

Which of the following are equivalent? Draw fraction strips to help you solve.

$\frac{1}{2} = \frac{2}{6}$	$\frac{2}{5} = \frac{2}{10} + \frac{2}{10}$	$\frac{6}{8} = \frac{3}{4}$
Equivalent?	Equivalent?	Equivalent?
$\frac{3}{10} = \frac{1}{5}$	$\frac{4}{8} = \frac{1}{2}$	$\frac{3}{9} = \frac{1}{3} + \frac{1}{3}$
Equivalent?	Equivalent?	Equivalent?

Draw equivalent fractions for each of the following.

$\frac{2}{5} =$	$\frac{4}{8} =$	$\frac{1}{4} =$
$\frac{2}{10} =$	$\frac{8}{10} =$	$\frac{5}{5} =$