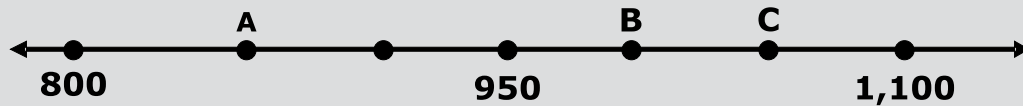


LESSON 15: Concept of Fractions

Warm-Up

Directions: Use the number line below to help you answer the questions.



1. What number is located at Point A?

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

805 905 850 1,005

3. What number is located at Point C ?

4. Put the following numbers in order from greatest to least.

975 915 875 1,075

5. Compare the numbers by using the symbols $>$, $<$, or $=$.

825 852 905 855 1,075 995

6. What number is located at the point between Point A and 950?

LESSON 15: Concept of Fractions

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

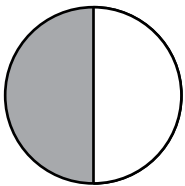
Dalton, Sherry, and Tyler worked on their homework after school. They wanted to go out and play kickball after doing homework. Dalton spent $\frac{1}{2}$ of an hour on his homework, Sherry spent $\frac{3}{4}$ of an hour on her homework, and Tyler spent $\frac{2}{3}$ of an hour on his homework. Which student spent the most time on homework?

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

Directions: Complete this page with your teacher and partner.

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

What does the fraction $\frac{1}{2}$ mean?



The circle is divided into _____ equal parts.

How many parts are shaded?

The denominator tells

The numerator tells

I GAVE
Picture

PARTNER GAVE ME BACK
Picture

Fraction

Fraction

LESSON 15: Concept of Fractions

Legal Trades for Kit 1

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction

LESSON 15: Concept of Fractions

Legal Trades for 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 15: Concept of Fractions

Legal Trades for Kit 3

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction
=	

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction
=	

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction
=	

I GAVE Picture Fraction	PARTNER GAVE ME BACK Picture Fraction
=	

LESSON 15: Concept of Fractions

Legal Trades for Kits 1, 2 and 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
=	

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

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

Draw equivalent fractions for each of the following.

$\frac{2}{10} =$	$\frac{6}{8} =$	$\frac{1}{2} =$
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LESSON 15: Concept of Fractions

Directions: Complete the following SOLVE problem with your teacher.

Dalton, Sherry, and Tyler worked on their homework after school. They wanted to go out and play kickball after doing homework. Dalton spent $\frac{1}{2}$ of an hour on his homework, Sherry spent $\frac{3}{4}$ of an hour on her homework, and Tyler spent $\frac{2}{3}$ of an hour on his homework. Which student spent the most time on homework?

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 15: Concept of Fractions

Work with a partner and record legal trades below. Find as many trades 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

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

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

Draw equivalent fractions for each of the following.

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

LESSON 15: Concept of Fractions

Homework

Name

Date

Directions: Answer the following questions.

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

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

Draw equivalent fractions for each of the following.

$\frac{4}{8} =$	$\frac{6}{12} =$	$\frac{3}{5} =$
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