

UNIT 1

Integers, Fractions & Order of Operations

In this unit I will learn...	Date:	I have finished this work!	I can do this on the test!
Operations with positive and negative numbers		☐	☐
The order of operations (BEDMAS)		☐	☐
The parts of a fraction		☐	☐
Converting between mixed & improper fractions		☐	☐
How to make equivalent fractions		☐	☐
Adding & subtracting fractions		☐	☐
Multiplying & dividing fractions		☐	☐
Order of operations with fractions		☐	☐

Assessments	Date:	Out of:	My mark:
Assignment: Integers			
Quiz: Integers & Fractions			
Unit Test			



Key Words

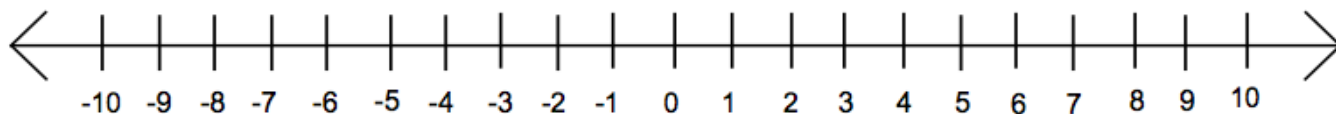
Term	In other words...	This looks like...
Sum		
Difference		
Product		
Quotient		
Order of operations		
Numerator		
Denominator		
Mixed number		
Improper Fraction		
Equivalent		

The Number Line

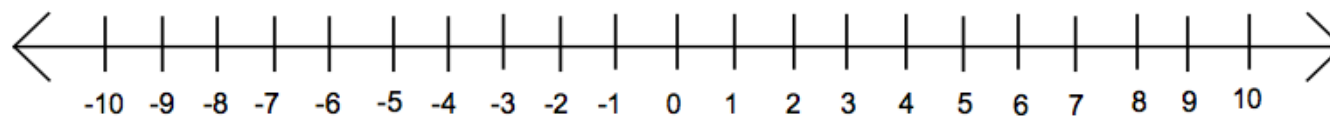
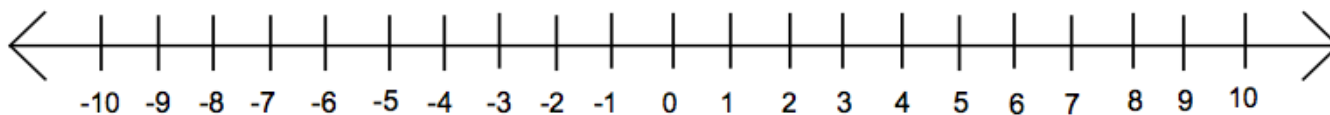
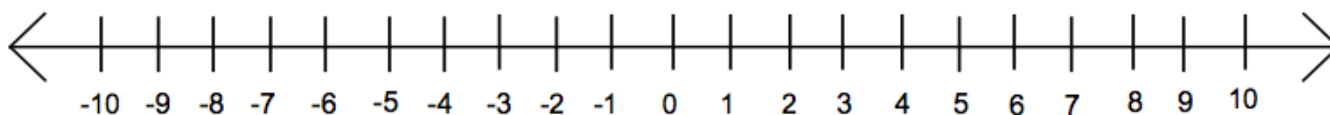
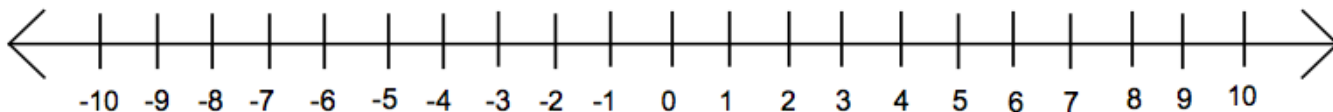
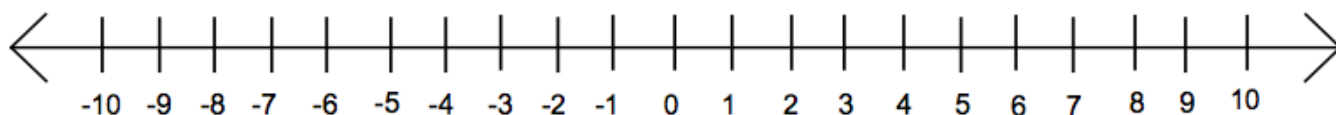
We can use the number line to illustrate the _____ and _____ of positive and negative numbers.

Whole numbers that can be positive or negative are called _____.

Ex. $-5 + 10$



Ex. $3 - (-4)$





Operations with Integers – Addition & Subtraction

When adding or subtracting integers follow these tips:

1. Watch your _____.
2. Subtracting a negative is the same as _____. Ex.
3. Adding a negative is the same as _____. Ex.

Practice - Addition

1. Use a number line to model each sum.

- a) $-3 + 5$
- b) $-4 + 2$
- c) $5 + (-4)$
- d) $4 + (-6)$

2. Use a number line to model each sum.

- a) $-1 + (-3)$
- b) $-2 + 2$
- c) $3 + (-3)$
- d) $0 + (-5)$

3. Find each sum.

- a) $5 + (-7)$
- b) $-3 + 6$
- c) $-3 + 2$
- d) $-5 + (-2)$

4. Find each sum.

- a) $-5 + 5$
- b) $6 + (-6)$
- c) $0 + (-3)$
- d) $-8 + 0$

5. Find each sum.

- a) $-6 + (-4)$
- b) $3 + (-1)$
- c) $4 + (-5)$
- d) $0 + (-2)$

6. Find each sum.

- a) $-4 + (-5) + 3$
- b) $6 + (-3) + 3$
- c) $3 + (-2) + (-4)$
- d) $-5 + 4 + (-3)$

7. Find each sum.

- a) $-2 + 6 + (-3)$
- b) $-5 + (-4) + (-3)$
- c) $3 + (-8) + 7$
- d) $4 + (-12) + 3$

8. Find each sum.

- a) $-3 + 2 + (-4) + 1$
- b) $6 + (-2) + (-5) + 3$
- c) $-8 + 4 + (-5) + (-3)$
- d) $5 + (-7) + 3 + (-9)$

9. Find each sum.

- a) $9 + (-5) + (-1) + 4$
- b) $-2 + 6 + (-3) + (-7)$
- c) $6 + (-8) + 4 + (-3)$
- d) $-2 + 1 + (-9) + 8$

10. The temperature in Stratford starts at -5°C , rises 18°C , and then falls 8°C . What is the final temperature?

11. On Monday the price of a company's stock is \$35 per share. On Tuesday the price drops \$4, on Wednesday it rises \$7, on Thursday it drops \$6, and on Friday it rises \$7. What was the price of the stock per share at the end of the week?

Practice – Subtraction

1. Subtract.
 - a) $7 - 5$
 - b) $6 - 8$
 - c) $4 - (-3)$
 - d) $5 - (-2)$
2. Subtract.
 - a) $4 - 4$
 - b) $(-5) - (-5)$
 - c) $0 - 9$
 - d) $0 - (-6)$
3. Subtract.
 - a) $0 - 4$
 - b) $0 - (-8)$
 - c) $-8 - 2$
 - d) $-5 - 3$
4. Subtract.
 - a) $-3 - (-8)$
 - b) $-4 - (-2)$
 - c) $-6 - (-6)$
 - d) $-7 - 0$
5. Copy each question and fill in the with the correct integer.
 - a) $-4 - \text{} = -7$
 - b) $\text{} - 5 = 4$
 - c) $0 - \text{} = -7$
6. Copy each equation and fill in the with the correct integer.
 - a) $\text{} - (-3) = 5$
 - b) $0 - \text{} = 3$
 - c) $6 - \text{} = -2$
7. Evaluate.
 - a) $10 - 8 - 5$
 - b) $2 - 9 - (-1)$
 - c) $-3 - (-4) - 11$
 - d) $-15 - (-5) - (-7)$
8. Evaluate.
 - a) $16 - 12 - 5$
 - b) $5 - 12 - (-4)$
 - c) $-4 - (-2) - 8$
 - d) $-18 - (-3) - (-13)$
9. Which expressions have the same result?
 - a) $9 - 4$
 - b) $-5 - (-2)$
 - c) $-8 - (-3)$
 - d) $-2 - (-7)$
 - e) $-8 - (-5)$
 - f) $-9 - (-4)$
10. The average low temperature in Tobermorey in October is 5°C . In February it is 23°C lower. What is the average low temperature in Tobermorey in February?
11. The air temperature is -8°C . With the wind blowing at a speed of 18 km/h , this temperature feels like -15°C . How many degrees does the temperature change because of the wind chill?

A scuba diver swam...



Where did he end up?

INTEGER

(positive and negative whole numbers & ---)

operations



Adding

Subtracting

Think:
Adding two DESCENTS together goes EVEN DEEPER.
Adding two ascents together is rising EVEN HIGHER.

pos + pos
neg + neg

Same Sign

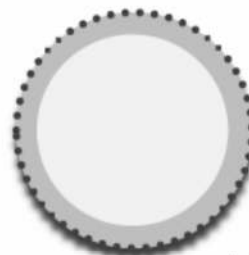


the absolute values



the common sign

examples: $5 + 8 =$
 $(-2) + (-3) =$



to an Addition Problem

HOW:

Switch operation to + while changing sign of 2nd number to keep it equivalent.

then



using the addition rules to the left.

examples:

$$5 - (-8)$$

rewrite

$$(-2) - 3 =$$

rewrite

Remember:

Another great analogy for understanding integers is **money**.

Think about adding and removing (subtracting) credits and debts. Example: Removing a debt is a positive movement!



Think:
An ascent can partially cancel out or overcome a descent, or...

different sign



the absolute values

use the sign of the number with



examples: $5 + -8 =$
 $-2 + 3 =$

Think:
Removing a recent descent is actually rising again, removing a recent ascent is the same as descending again.

Name: _____

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PRACTICE WITH INTEGER OPERATIONS

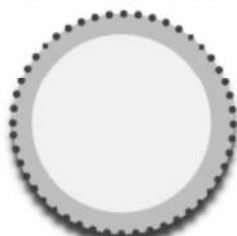
Simplify each expression.



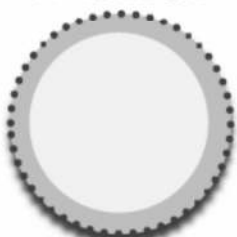
Multiplying & dividing

Multiply or divide normally, but...

if both signs match, the answer will be



& if they don't it will be



examples: $(-4) \div 2 =$
 $(-5) \cdot (-8) =$

Think:
Multiple descents of the same depth work like repeatedly adding those negative movements.
Ex: 3 descents of 6 meters each can be written:
 $3 \cdot (-6)$ or
 $(-6) + (-6) + (-6)$

Example-1

$$(-4) + (-16) =$$

Example-2

$$9 + (-12) =$$

Example-3

$$(-24) \div (-3) =$$

Example-4

$$15 \cdot (-3) =$$

Example-5

$$(-17) - 21 \quad \text{rewrite}$$

Example-6

$$4 - (-30) \quad \text{rewrite}$$

Example-7

$$(-35) - (-40) \quad \text{rewrite}$$

CHALLENGE

$$3 + (-5) + 8 =$$

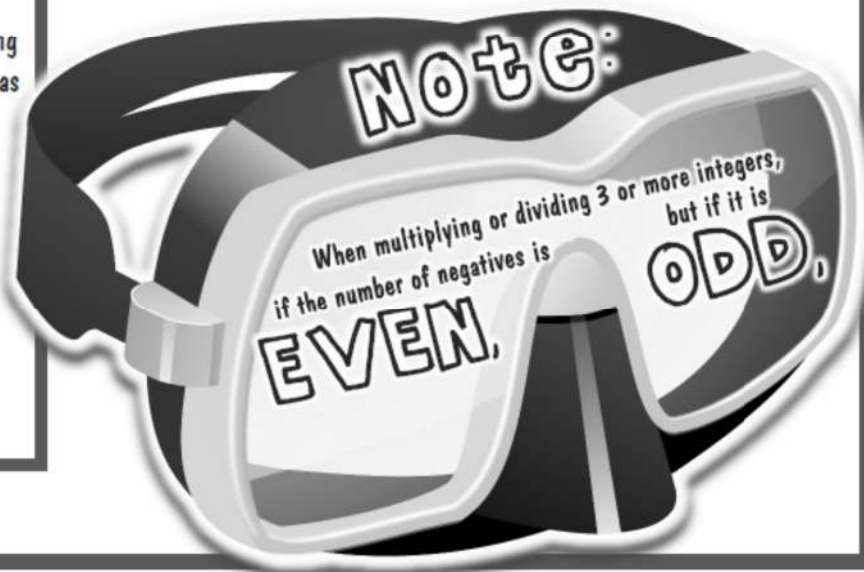
$$(-2) + (-5) + (-4) =$$

$$(-4)(5)(-1)(3) =$$

$$4 \cdot (-2)(-3)(-5) \cdot 2 =$$

Alicia withdrew 45 dollars from her bank account. Later that day, she deposited \$80, then wrote a check for \$250. Last, she spent another \$55 from the account while shopping with her direct debit card. What was her total gain or loss in funds from the account that day? Write an integer expression, then simplify.

Word Problem



Name: _____



Operations with Integers – Multiplication & Division

We can multiply or divide integers () by following these two steps:

1. Multiply or divide the numbers, ignoring the .
2. Decide whether the answer is positive or negative by looking at the signs used.
 - a. An number of negative signs will cancel out, leaving a positive.
 - b. An number of negative signs will leave one behind, making a negative.

Ex. $(-4)(2)(-5)$

Ex. $24 \div (-6)$

Practice – Multiply & Divide

1. Find each product.

- a) 5×7
- b) $4 \times (-3)$
- c) $(-3) \times 6$
- d) $(-2) \times (-8)$

2. Find each product.

- a) $0(9)$
- b) $(-4)(7)$
- c) $6(-7)$
- d) $(-6)(-8)$

3. Find each quotient.

- a) $18 \div 6$
- b) $12 \div (-3)$
- c) $(-16) \div 2$
- d) $(-15) \div (-5)$

4. Find each quotient.

- a) $\frac{0}{-4}$
- b) $\frac{35}{-7}$
- c) $\frac{-24}{6}$
- d) $\frac{-28}{-4}$

6. Multiply.

- a) $(-3) \times (-5) \times (-4)$
- b) $(-6) \times 2 \times (-4)$
- c) $4 \times (-3) \times (-2)$

7. List all integers that divide evenly into each.

- a) 18
- b) -15

8. List all integers that divide evenly into each.

- a) 24
- b) -30

9. Write a multiplication expression and a division expression that would have each result.

- a) -8
- b) -15

10. Determine how each multiplication or division pattern is formed. Then, write the next two numbers.

- a) 1, 4, 16, ...
- b) -400, -200, -100, ...



Operations with Integers – The Order of Operations

When simplifying an _____ with more than one _____ we follow a specific order for our work.

Remember...

B

E

D

M

A

S

Practice – Order of Operations

1. Evaluate.

- a) $3^2 + 2(3+1)^2$
- b) $2^3 - 3(4-2)^2$
- c) $5+4(9-3 \times 2)$
- d) $7-3(8-2^2 \times 1)$

2. Evaluate.

- a) $5+3 \times (2^4 - 2^3)$
- b) $9-2^2 \times 3(4-6)$
- c) $5(4^2 - 3^2) + 8$
- d) $6[11 - (3+1)^2 + 3]$

3. Evaluate.

- a) $(15+3) \div (10-2^3)$
- b) $4 \times 3(24 \div 2^2) + 5$
- c) $(5^2 - 3^2) \div 4 + 8 \times 2$
- d) $6[4^3 \div (3+1)^2 - 3]$

4. Evaluate.

- a) $5(-4) + (-4)^2$
- b) $-20 \div (-4) - 3$
- c) $(-3)(-4) + (1-3)^2$
- d) $(1-5)^2 \div (1-3)$

6. Evaluate.

- a) $5-2 \times 3.1+4.2$
- b) $(2.5+3^2)-1.6$
- c) $0.2(11-7) + (0.4)^2$
- d) $2(0.7+0.2)^2 + 4.6$

7. Evaluate.

- a) $3.2+0.5 \times 3-4$
- b) $(2^2+4.3)-1.2 \times 2$
- c) $(0.5)^2 + 0.4(9-5)$
- d) $8.2+2(1+2)^2$

8. Insert brackets to make each equation true.

- a) $16 \div 4 - 5 \times 2^2 = -4$
- b) $16 \div 4 - 5 \times 2^2 = -16$
- c) $16 \div 4 - 5 \times 2^2 = -64$

9. Copy each equation and use the symbols +, -, ×, ÷, and () to make it true.

- a) $4 \square 2 \square 3 = -2$
- b) $20 \square 5 \square 9 = -5$
- c) $-12 \square 3 \square -6 = 2$
- d) $10 \square 3 \square -2 = -14$



FRACTIONS

A fraction represents _____.

In a proper fraction, _____ < _____.

In an improper fraction, _____ < _____.

(Shade/color below to show the fraction $\frac{4}{7}$.)

$$\frac{4}{7}$$

--	--	--	--	--	--	--

- SIMPLIFYING -

To simplify a fraction, divide the _____ and

_____ by _____.

(Shade/color to show that the simplest form is equivalent to the original.)

$$\frac{16}{20} = \frac{\quad}{\quad}$$



- EQUIVALENT -

To write an equivalent fraction...

$$\frac{6}{9} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

(Go back to the top and draw a dividing line on the grid for $\frac{4}{7}$ to show an equivalent fraction. Write the fraction here: _____)

$$\frac{8}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{9}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{6}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{10}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

TRY IT

For each fraction, write the simplest form plus one additional equivalent fraction.

Name: _____



Operations with Fractions – Adding & Subtracting Fractions

Adding or subtracting fractions requires that we have _____

Choosing a Common Denominator

1. Examine the denominators you are working with.
What _____ do they have?
2. Choose the smallest number that uses these factors.
This will be a number that all denominators could divide evenly into.
3. Make _____ using this new denominator.

Once you have common denominators, add or subtract the _____

Ex. $\frac{3}{5} + \frac{4}{7} =$

Ex. $\frac{2}{3} - \frac{1}{15}$

Ex. $-3\frac{2}{5} + \frac{1}{3}$

Practice – Adding & Subtracting Fractions

Always leave answers in lowest terms.

1. Find each sum or difference. Express your answers in lowest terms.

a) $\frac{3}{7} + \frac{4}{7}$

b) $\frac{5}{6} + \frac{4}{6}$

c) $\frac{4}{5} - \frac{1}{5}$

d) $\frac{7}{8} - \frac{5}{8}$

2. Find each sum.

a) $\frac{5}{8} + \frac{1}{4}$

b) $\frac{7}{12} + \frac{5}{6}$

c) $\frac{5}{14} + \frac{3}{7}$

3. Find each sum.

a) $\frac{3}{4} + \frac{5}{6}$

b) $\frac{3}{4} + \frac{2}{5}$

c) $\frac{2}{3} + \frac{2}{7}$

4. Find each difference.

a) $\frac{5}{6} - \frac{2}{3}$

b) $\frac{5}{14} - \frac{1}{7}$

c) $\frac{7}{10} - \frac{2}{5}$

5. Find each difference.

a) $\frac{5}{6} - \frac{2}{5}$

b) $\frac{5}{7} - \frac{1}{3}$

c) $\frac{7}{9} - \frac{1}{4}$

6. Find each difference.

a) $4\frac{3}{5} - 2\frac{2}{3}$

b) $5\frac{1}{4} - 3\frac{1}{6}$

c) $2\frac{2}{7} - 1\frac{4}{5}$

7. During one week, Diwani studied for

$3\frac{1}{2}$ h on Monday, $2\frac{1}{4}$ h on Tuesday,

and $2\frac{5}{6}$ h on Wednesday.

- a) Find the total number of hours that Diwani studied for this week.
b) For how much longer did she study on Monday than on Wednesday?
c) For how much longer did she study on Wednesday than on Tuesday?



Operations with Fractions – Multiplying

When multiplying fractions we do not need _____.
We multiply the numerators together and the denominators together.

Ex. $\left(\frac{3}{4}\right)\left(\frac{5}{6}\right)$

NOTE: Answers are written in lowest terms

Hint: We can _____ before we multiply to get to lowest terms in our answer.

Ex. $\left(\frac{3}{4}\right)\left(\frac{5}{6}\right)$



Operations with Fractions – Dividing

When dividing fractions we can simplify if we see the question as _____.

We do this by making two changes:

1. Change the _____ (from division to multiplication)
2. At the same time change the fraction you are dividing by two its _____.

Then we can multiply like before.

Ex. $\frac{3}{4} \div \frac{5}{6}$

Ex. $\frac{-3}{5} \div \frac{3}{8}$

Ex. $\left(1\frac{2}{6}\right)\left(\frac{5}{2}\right)$

Ex. $4\frac{1}{4} \div \left(2\frac{6}{7}\right)$

a fraction & a whole number

$$3 \times \frac{2}{9}$$

$$\frac{3}{1} \times \frac{2}{9}$$

A whole number
can always be
written as a fraction
- Put it over ____.

Simplify!



Multiplying fractions

two fractions

$$\frac{4}{5} \times \frac{3}{8}$$

Show the cancellations that allow the
problem to be rewritten as follows:

$$\frac{1}{5} \times \frac{3}{2}$$

Finish it up. What if you had not cancelled?

answers

All answers must be in

_____ and
converted from improper fractions to mixed
numbers if necessary.

canceling

To "cancel," divide a number within a
_____ and a number
within a _____ by their
_____ (greatest common factor)

Name: _____

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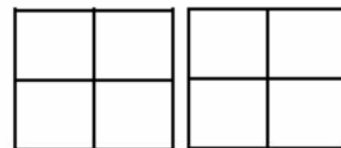
Fraction Multiplication:

Sometimes, multiplication can be represented by the word "____."
Color the models using two colors to represent each problem.

Concepts

Rewrite as a problem with two fractions, then solve.

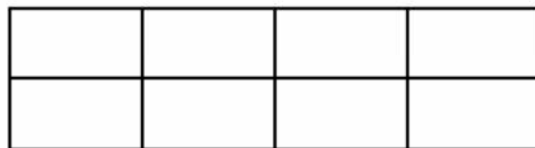
What is $\frac{3}{4} \times 2$?



Two copies OF a model for $\frac{3}{4}$

Write as a multiplication problem, then solve.

What is $\frac{1}{2}$ of $\frac{1}{4}$?



The model represents $\frac{1}{2} \times \frac{1}{4}$

Multiplying Mixed Numbers

Convert into _____ first, then ...

A _____ can replace the x to symbolize multiplication.

$$2\frac{2}{3} \cdot 1\frac{3}{4}$$

rewrite →

Name: _____

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Examples and Practice

~~fraction & whole number~~

$$\frac{3}{5} \cdot 6$$

multiplying
fractions

~~2 fractions~~

$$\frac{5}{8} \cdot \frac{3}{4}$$

~~cancel first~~

$$\frac{16}{21} \cdot \frac{7}{12}$$

~~3 fractions~~

$$\frac{2}{15} \cdot \frac{9}{14} \cdot \frac{5}{7}$$

~~mixed numbers~~

$$4\frac{6}{7} \cdot 1\frac{1}{2}$$

TIPS

➤ Put whole numbers over

_____.

➤ Simplify and/or cancel

_____ multiplying, because it is easier than at the end.

➤ Rewrite mixed numbers as

_____.

then convert back when you have an answer if needed.

Try it

Complete each problem, showing all work.

1. $\frac{5}{8} \cdot \frac{2}{3}$

2. $\frac{3}{5} \cdot \frac{15}{24}$

3. $\frac{4}{12} \cdot \frac{1}{8} \cdot \frac{9}{10}$

4. $2\frac{2}{7} \cdot \frac{1}{4}$

5. $6 \cdot \frac{8}{9}$

6. $1\frac{25}{48} \cdot \frac{36}{50}$

Name: _____

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STEP 1

Example

$$\frac{3}{4} \div \frac{7}{2}$$

We can rewrite it by converting to multiplying by the _____ of the 2nd fraction.

Rewrite

$$\frac{3}{4}$$

The operation switch and reciprocal MUST happen simultaneously (together)

Think about it:

WHY

TRY $\frac{1}{4} \div 2$

When you divide by two, it's the same as finding HALF OF something. Remember that "of" represents which operation?

Use a ...

$$\frac{1}{4} \times \frac{1}{2} =$$

So instead of dividing $\frac{1}{4}$ by 2, we can take HALF OF it by multiplying by its _____

A whole number can always be written as a fraction - Put it over _____

dividing fractions

So to divide by $\frac{7}{2}$, we can just _____ by $\frac{2}{7}$.

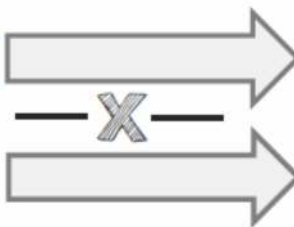
Cancel

$$\frac{3}{4} \times \frac{2}{7}$$

Start multiplying! If no canceling is possible, move on to step 3, and finish multiplying.

Then ...

Multiply



Multiply normally (straight across the _____ and straight across the _____).

Finish it up!

STEP 2

Simplify answers when necessary.

STEP 3

Name: _____

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Fraction Division

Remember that division is represented by determining how many _____ a number can be divided up into. Divide up and color or shade the models to represent each problem.

Remember to convert mixed numbers into improper fractions while working, then convert back when finished.

Concepts

What is

Rewrite as a multiplication problem using a reciprocal, then solve.

$$\frac{1}{2} \div \frac{1}{6} = ?$$

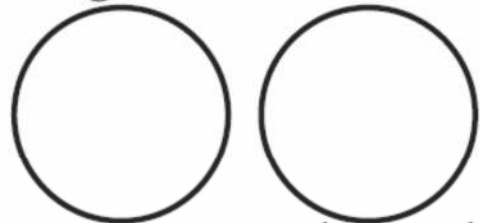


How many groups of $\frac{1}{6}$ are in $\frac{1}{2}$?

What is

Convert the mixed number into an improper fraction, write as a multiplication problem using a reciprocal, then solve.

$$1\frac{1}{2} \div \frac{1}{8} = ?$$



How many groups of $\frac{1}{8}$ are in $1\frac{1}{2}$?

Answers

All answers must be in

_____ and converted from improper fractions to mixed numbers if necessary.

Name: _____

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Fraction Division- Practice

Show all work. Write each answer in standard form.



Example 1

$$\frac{2}{3} \div 8$$

Rewrite

Example 2

$$\frac{3}{4} \div \frac{1}{8}$$

Rewrite

Model-It

Example 3

$$1\frac{9}{10} \div \frac{4}{15}$$

Rewrite

Example 4

$$3 \div \frac{2}{3}$$

Rewrite

Model-It

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Practice – Multiplying and Dividing Fractions

Always leave answers in lowest terms.

1. Multiply.

a) $\frac{2}{7} \times \frac{3}{5}$

b) $\frac{4}{7} \times \frac{7}{9}$

c) $\frac{3}{8} \times \frac{4}{5}$

d) $\frac{2}{3} \times \frac{7}{10}$

2. Multiply.

a) $\frac{3}{4} \times 1\frac{2}{3}$

b) $2\frac{3}{5} \times \frac{1}{6}$

c) $5\frac{1}{7} \times 2\frac{1}{6}$

d) $3\frac{4}{5} \times 4\frac{1}{2}$

3. Divide.

a) $\frac{5}{8} \div \frac{5}{6}$

b) $\frac{6}{7} \div \frac{4}{5}$

c) $\frac{3}{14} \div \frac{7}{10}$

d) $\frac{3}{4} \div \frac{5}{18}$

4. Divide.

a) $1\frac{2}{3} \div \frac{3}{4}$

b) $\frac{5}{8} \div 2\frac{1}{2}$

c) $1\frac{5}{9} \div 4\frac{2}{3}$

d) $3\frac{2}{7} \div 4\frac{1}{3}$

5. A bowl filled with lollipops is $\frac{3}{4}$ full.

$\frac{2}{3}$ of these lollipops are green. What fraction of the full bowl are the green lollipops?

6. A box of blueberries is $\frac{2}{5}$ full. Janet and her friends had each eaten $\frac{1}{10}$ of a box of blueberries. How many people ate blueberries?



Operations with Fractions – The Order of Operations

Multiple operations with fractions? Use the same order of operations!

B

E

D

M

A

S

Practice – Order of Operations

a) $-\frac{5}{2} + \left(\frac{18}{5}\right)$

b) $4 - 2[5 - 2(3 - 7)]$

c) $4 - 3(-1)^2$

d) $\frac{5}{9} \div \left(\frac{3}{2}\right)\left(\frac{9}{3}\right)$

e) $\frac{4 - (-2)(-3)}{(-2)^2}$

f) $\frac{9}{2}\left(\frac{2}{3}\right)^2$

g) $\frac{66}{6} + \left(-\frac{21}{7}\right)$

h) $15 \div \left(\frac{3}{5}\right)$

Key Words

Unit 1 - Integers & Fractions

N D A Q I O G O S H C R N F H E W V Y C
W O S S R R R V D Y N O O F N V M I C A
U G I D Z K E Q W O I T C T U Y E S J V
R B E T A X G C I S O A B F M A J S J T
P R V I A O X T I P H N T N E I T O U Q
O R N N J C C V E P Z I O O R X P E T O
C M O R M A I R Q H R M A G A W I D H K
Y M R D R D A L M Q E O K G T U N Q L E
V B U T U T U N P A F N C P O N T U N D
W Z B S I C C B J I Y E F A R O E E T T
F U A O X Y T R Q P T D K S L I G P M T
S C N I M P R O P E R L J H U T E S Z T
D E X I M U Y A R N B G U C Y I R I M K
D I F F E R E N C E O G U M H D W Q O E
P F T A C A O H N H O I F B V D N S W X
D R Y Z F R M B D R J B T L D A Y O S M
Z S R K Z O S X U I J K C C E J V U H P
M Z X S P N V O Q Y C E N I A C Y E Q O
Y M D B P F H X O K S T W B K R E I S I
V F U E I A U H C S V Z R C P E F A M H

ADDITION
DIVISION
INTEGER
NUMERATOR
PRODUCT
SUBTRACTION

DENOMINATOR
FRACTION
MIXED
OPERATION
QUOTIENT
SUM

DIFFERENCE
IMPROPER
MULTIPLICATION
ORDER
RECIPROCAL

Goal Setting

Unit: Integers, Fractions & Order of Operations

Name: _____

Unit Learning Targets

Learning Target	Simple Mistakes?	More Practice?
Perform operations with positive and negative numbers (addition, subtraction, multiplication, division)		
Follow the order of operations (BEDMAS) showing all my work		
Know the parts of a fraction		
Convert between mixed & improper fractions		
Make equivalent fractions		
Add & subtract fractions showing all my work		
Multiply & divide fractions showing all my work		
Follow the order of operations with fractions showing all my work		

Next Steps

Choose one of the four responses for each question below.

Am I ready?	Strongly Agree	Kind of Agree	Kind of Disagree	Strongly Disagree
I am ready to take the test today!				
I would like some more practice				
I would like some one-on-one time to ask questions.				

Take a look at the comments made on the front and form written responses to the ideas below.

My Strengths (Targets I got right):

My Areas for Growth:

My Learning Goal:

Strategies or activities I can do to address my goal: