

Name: _____

Core: _____

Review for Multiplying and Dividing Quiz

Due Friday, November 17th

Learning Target: _____

Classwork

Solve the following fraction problems.

$$10 \times 5 =$$

$$10 \div \frac{1}{5} =$$

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

$$4 \div 2 =$$

$$\frac{1}{2} \times \frac{4}{3} =$$

$$\frac{1}{2} \div \frac{3}{4} =$$

$$\frac{2}{3} \times 6 =$$

$$\frac{2}{3} \div 6 =$$

Write, Pair, Share

What do you notice about your answers for the multiplication and division problems?

Which problems were the easiest to solve? Do they have something in common?

How do you change between equivalent multiplication and division expressions?

Homework: Practice on your own

Fill in the missing multiplication or division sentence. Decide if the multiplication or division sentence is easier to solve. Find the answer, show your work.

Example:

Keep the first number the same

$4 \times \frac{2}{3} =$	$4 \div \frac{3}{2} =$	$\frac{4}{1} \times \frac{2}{3} = \frac{8}{3} = 2\frac{2}{3}$
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Change from \times to \div and flip the second fraction.

Multiplication Sentence	Division Sentence	Solution
$\frac{5}{6} \times \frac{1}{2} =$		
	$14 \div \frac{1}{4} =$	
$36 \times \frac{1}{3} =$		
	$\frac{15}{6} \div \frac{3}{2} =$	
$14 \times \frac{2}{8} =$		

Michael ate $\frac{2}{3}$ of a candy bar each day for 4 days. How many total candy bars did he eat in 4 days? Use the number line to prove your work.



A scoop holds $\frac{1}{5}$ kg of flour. How many scoops of flour are needed to fill a bag with 6 kg of flour? Draw a picture to solve this problem.

How many points can you score?

Get points for each problem you get correct. Student with the highest point total becomes the GOAT {Greatest of All time}.

High School Level {1 point each}

$$\frac{1}{3} \times \frac{2}{7} =$$

$$\frac{5}{6} \times \frac{3}{5} =$$

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

College Level – Reduce to simplest form {2 points each}

$$6 \div \frac{2}{3} =$$

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

$$6 \times \frac{4}{9} =$$

NBA Level – Reduce to simplest form {3 points each}

$$\frac{18}{4} \div \frac{6}{9} =$$

$$\frac{25}{5} \times \frac{4}{2} =$$

$$\frac{7}{8} \times 6 =$$

All-Star Level – Reduce to simplest form {4 points each}

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

$$3\frac{1}{2} \div \frac{1}{5} =$$

$$1\frac{1}{8} \times 1\frac{1}{10} =$$

Challenge Brain Teaser {5 points}

What is the value of $\frac{1}{2}$ of $\frac{2}{3}$ of $\frac{3}{4}$ of $\frac{4}{5}$ of $\frac{5}{6}$ of $\frac{6}{7}$ of $\frac{7}{8}$ of $\frac{8}{9}$ of $\frac{9}{10}$ of 1,000?

Total Points Scored: _____

For fun if you finish your work early ☺

Name: _____

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The Turkeys are coming!

Find all of the turkeys on this page. They can be up, down, backwards and diagonal.

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

Total Number
of Turkeys found: _____