

Assignment Packet for 5<sup>th</sup> Grade Math Students  
for Monday January 10 through Sunday January 16, 2022  
(Mr. Tejeda)

Dear Students,

Attached are assignments for every day of the week, Monday through Sunday. Please only do what is assigned for the each day as noted below. **Do all work on a Loose Leaf (Separate Sheet) of paper.** Make sure you put a proper heading on each sheet.

Monday	Pg. 437 Fraction and Whole Number ( <b>Multiplication</b> )	ALL problems 2 - 12
Tuesday	Pg. 441 Find the Product ( <b>Multiplication</b> )	ALL problems 3 - 8
Wednesday	Pg. 453 Find the Product ( <b>Multiplication</b> )	ALL problems 1 – 18
Thursday	Pg. 475 Multiply Mixed Numbers ( <b>Multiplication</b> )	ALL problems 1 – 14
Friday	Pg. 515 Fraction and Whole Number Division ( <b>Division</b> )	ALL problems 1 – 15
Saturday	<b>IXL N.11</b> (Work on this assignment for only 1 hour!!) You choose your hour any time of the day, but <b>make sure you only work on them for a TOTAL of 90 minutes!</b> This is your chance to get a better grade! Make sure you do no more than 25 problems. Work on it in your MATH notebooks. <b>Put a proper heading on the page in your notebook and the title of the assignment.</b> If you get an answer WRONG, write WRONG and tell me what you did wrong <b>using 2 complete sentences.</b> Just do your best!!	
Sunday	<b>IXL N.12</b> (Work on this assignment for only 1 hour!!) You choose your hour any time of the day, but <b>make sure you only work on it for a TOTAL of 90 minutes!</b> This is your chance to get a better grade! Make sure you do no more than 25 problems. Work on it in your MATH notebooks. <b>Put a proper heading on the page in your notebook and the title of the assignment.</b> If you get an answer WRONG, write WRONG and tell me what you did wrong <b>using 2 complete sentences.</b> Just do your best!!	

Please use the notes from your Math notebooks for all of the assignments! DO NOT Rush to finish them.  
**Take your time! Please do not do messy work. I need nice and neat work!**

\* ALL ASSIGNMENTS ARE DUE 100% COMPLETE WHEN YOU RETURN TO SCHOOL. Do not try and do them all in one day. Do not wait until Sunday to do them all.

Hope to see you all soon... Big Hug!!

**WE GOT THIS!**



Mr. The Jedi

# Practice and Homework

## Lesson 7.3

Name \_\_\_\_\_



### Fraction and Whole Number Multiplication



#### COMMON CORE STANDARD—5.NF.B.4a

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.



Find the product. Write the product in simplest form.

1.  $4 \times \frac{5}{8} = \underline{\hspace{2cm}}$

$$4 \times \frac{5}{8} = \frac{20}{8}$$

$$\frac{20}{8} = 2\frac{4}{8}, \text{ or } 2\frac{1}{2}$$

2.  $\frac{2}{9} \times 3 = \underline{\hspace{2cm}}$

3.  $\frac{4}{5} \times 10 = \underline{\hspace{2cm}}$

4.  $\frac{3}{4} \times 9 = \underline{\hspace{2cm}}$

5.  $8 \times \frac{5}{6} = \underline{\hspace{2cm}}$

6.  $7 \times \frac{1}{2} = \underline{\hspace{2cm}}$

7.  $\frac{2}{5} \times 6 = \underline{\hspace{2cm}}$

8.  $9 \times \frac{2}{3} = \underline{\hspace{2cm}}$

9.  $\frac{3}{10} \times 9 = \underline{\hspace{2cm}}$



### Problem Solving



10. Leah makes aprons to sell at a craft fair. She needs  $\frac{3}{4}$  yard of material to make each apron. How much material does Leah need to make 6 aprons?

\_\_\_\_\_



11. The gas tank of Mr. Tanaka's car holds 15 gallons of gas. He used  $\frac{2}{3}$  of a tank of gas last week. How many gallons of gas did Mr. Tanaka use?

\_\_\_\_\_



12. **WRITE Math** Write a word problem that can be solved by multiplying a whole number and a fraction. Include the solution.

\_\_\_\_\_

Name \_\_\_\_\_

**Find the product. Draw a model.**

3.  $\frac{2}{3} \times \frac{1}{5} =$  \_\_\_\_\_

4.  $\frac{1}{2} \times \frac{5}{6} =$  \_\_\_\_\_

5.  $\frac{3}{5} \times \frac{1}{3} =$  \_\_\_\_\_

6.  $\frac{3}{4} \times \frac{1}{6} =$  \_\_\_\_\_

**Problem Solving • Applications**

7. **MATHEMATICAL PRACTICE 1 Evaluate Reasonableness** Ricardo's recipe for 4 loaves of bread requires  $\frac{2}{3}$  cup of olive oil. He only wants to make 1 loaf. Ricardo makes a model to find out how much oil he needs to use. He folds a piece of paper into three parts and shades two parts. Then he folds the paper into four parts and shades  $\frac{1}{4}$  of the shaded part. Ricardo decides he needs  $\frac{1}{4}$  cup of olive oil. Is he right? Explain.

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8. **GO DEEPER** Three-fourths of a spinach casserole is leftover after Sam has lunch. Jackie and Alicia each take  $\frac{1}{2}$  of the leftover casserole. Jackie eats only  $\frac{2}{3}$  of her portion. What fraction of a whole casserole did Jackie eat? Draw a model.

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Name \_\_\_\_\_

**Share and Show****Find the product. Write the product in simplest form.**

1.  $6 \times \frac{3}{8}$

$$\frac{6}{1} \times \frac{3}{8} = \frac{\quad}{\quad}$$

\_\_\_\_\_

2.  $\frac{3}{8} \times \frac{8}{9}$

\_\_\_\_\_

3.  $\frac{2}{3} \times 27$

\_\_\_\_\_

4.  $\frac{5}{12} \times \frac{3}{5}$

\_\_\_\_\_

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

\_\_\_\_\_

6.  $\frac{2}{3} \times \frac{4}{5}$

\_\_\_\_\_

7.  $\frac{1}{3} \times \frac{5}{8}$

\_\_\_\_\_

8.  $4 \times \frac{1}{5}$

\_\_\_\_\_

**On Your Own****Find the product. Write the product in simplest form.**

9.  $2 \times \frac{1}{8}$

\_\_\_\_\_

10.  $\frac{4}{9} \times \frac{4}{5}$

\_\_\_\_\_

11.  $\frac{1}{12} \times \frac{2}{3}$

\_\_\_\_\_

12.  $\frac{1}{7} \times 30$

\_\_\_\_\_

13.  $\frac{2}{5} \times \frac{4}{7}$

\_\_\_\_\_

14.  $\frac{7}{8} \times \frac{4}{5}$

\_\_\_\_\_

15.  $\frac{2}{3} \times \frac{8}{8}$

\_\_\_\_\_

16.  $5 \times \frac{4}{5}$

\_\_\_\_\_

**Math Talk****MATHEMATICAL PRACTICES 6****Explain** how to find the product  $\frac{1}{6} \times \frac{2}{3}$  in simplest form.

17. Of the pets in the pet show,  $\frac{5}{6}$  are cats.  $\frac{4}{5}$  of the cats are calico cats. What fraction of the pets are calico cats?

\_\_\_\_\_



18. **GO DEEPER** Five cats each ate  $\frac{1}{4}$  cup of canned food and  $\frac{1}{4}$  cup of dry food. How much food did they eat altogether?

\_\_\_\_\_

# Practice and Homework

## Lesson 7.4

Name \_\_\_\_\_

### Multiply Mixed Numbers


**COMMON CORE STANDARD—5.NF.B.6**

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Find the product. Write the product in simplest form.

1.  $1\frac{2}{3} \times 4\frac{2}{5}$

$$1\frac{2}{3} \times 4\frac{2}{5} = \frac{5}{3} \times \frac{22}{5}$$

$$= \frac{110}{15} = \frac{22}{3}$$

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

2.  $1\frac{1}{7} \times 1\frac{3}{4}$

3.  $8\frac{1}{3} \times \frac{3}{5}$

4.  $2\frac{5}{8} \times 1\frac{2}{3}$

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

6.  $7\frac{1}{5} \times 2\frac{1}{6}$

7.  $\frac{2}{3} \times 4\frac{1}{5}$

8.  $2\frac{2}{5} \times 1\frac{1}{4}$

Use the Distributive Property to find the product.

9.  $4\frac{2}{5} \times 10$

10.  $26 \times 2\frac{1}{2}$

11.  $6 \times 3\frac{2}{3}$

### Problem Solving



12. Jake can carry  $6\frac{1}{4}$  pounds of wood in from the barn. His father can carry  $1\frac{5}{7}$  times as much as Jake. How many pounds can Jake's father carry?

13. A glass can hold  $3\frac{1}{3}$  cups of water. A bowl can hold  $2\frac{3}{5}$  times the amount in the glass. How many cups can a bowl hold?

14. **WRITE** *Math* Write and solve a word problem that involves multiplying by a mixed number.

# Fraction and Whole-Number Division



**COMMON CORE STANDARD—5.NF.B.7c**

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.



Write a related multiplication sentence to solve.

1.  $3 \div \frac{1}{2}$

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

3.  $2 \div \frac{1}{8}$

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

$3 \times 2 = 6$

5.  $5 \div \frac{1}{4}$

6.  $\frac{1}{2} \div 2$

7.  $\frac{1}{4} \div 6$

8.  $6 \div \frac{1}{5}$

9.  $\frac{1}{5} \div 5$

10.  $4 \div \frac{1}{8}$

11.  $\frac{1}{3} \div 7$

12.  $9 \div \frac{1}{2}$



## Problem Solving



13. Isaac has a piece of rope that is 5 yards long. Into how many  $\frac{1}{2}$ -yard pieces of rope can Isaac cut the rope?



14. Two friends share  $\frac{1}{2}$  of a pineapple equally. What fraction of a whole pineapple does each friend get?



15. **WRITE** *Math* Tell whether the quotient is greater than or less than the dividend when you divide a whole number by a fraction. Explain your reasoning.