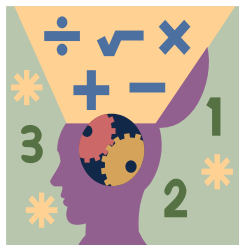


Name: \_\_\_\_\_ Section: \_\_\_\_\_



### Homework

Greetings Scholar and Parents. Hope you are all comfortably settled into the new year. This week we will be working on **Chapter 10 & 11: Multiplying & Dividing Fractions**. Remember to check **CINEMATH** for reviews! You will have a **TEST** this week on **Friday, November 8<sup>th</sup>**, on **All Fraction Operations**

### Extra Practice – OPTIONAL THIS WEEK

Additional practice for the daily lessons is available on IXL. To access extra practice, please have your child login into IXL. Under the **“FROM YOUR TEACHER”** section, scholars will find Teacher Assigned Lessons. From there, you will see a list of lessons reinforcing the daily skills.

- Divide decimals by decimals: whole number quotients (HUK)
- Divide decimals by whole numbers: word problems (TMB)
- Least common denominator (7RP)
- Add fractions with unlike denominators (D9N)
- Subtract fractions with unlike denominators (VSP)
- Add mixed numbers with unlike denominators (FHD)

### Notes

**Completed homework packets should be uploaded or turned in on Sunday November 10th, 2024.** Students must prove and show all their work in the provide space. Scholars should use a separate sheet of paper if they need additional space. Failure to show work or packets submitted after the due date will result in a lower grade. If a scholar struggles with a lesson, they can review the daily lesson on HMH. Please feel free to contact me with any questions or concerns at [peter.vanegas@archimedeans.org](mailto:peter.vanegas@archimedeans.org).

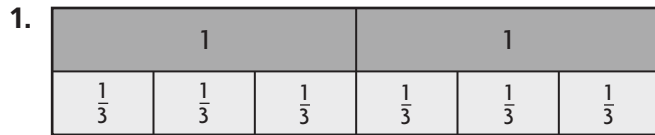
<u>Monday</u>	October 21 <sup>st</sup>	– 11.1 & 11.2
<u>Tuesday</u>	October 22 <sup>nd</sup>	– NO SCHOOL
<u>Wednesday</u>	October 23 <sup>rd</sup>	– FINISH IN-CLASS REVIEW SHEET
<u>Thursday</u>	October 24 <sup>th</sup>	– FINISH IN-CLASS REVIEW SHEET
<u>Friday</u>	October 25 <sup>th</sup>	– Test Day

# Divide Whole Numbers and Unit Fractions

Go Online

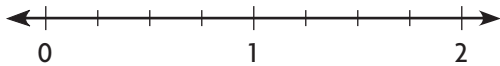
Interactive Examples

Divide and check the quotient.



$$2 \div \frac{1}{3} = \underline{6} \text{ because } \underline{6} \times \frac{1}{3} = 2.$$

2.



$$2 \div \frac{1}{4} = \underline{\quad} \text{ because } \underline{\quad} \times \frac{1}{4} = 2.$$

3.



$$\frac{1}{4} \div 2 = \underline{\quad} \text{ because } \underline{\quad} \times 2 = \frac{1}{4}.$$

Divide. Draw a number line or use fraction strips.

4.  $1 \div \frac{1}{5} = \underline{\quad}$

5.  $\frac{1}{6} \div 3 = \underline{\quad}$

6.  $4 \div \frac{1}{6} = \underline{\quad}$

7.  $3 \div \frac{1}{3} = \underline{\quad}$

8.  $\frac{1}{4} \div 6 = \underline{\quad}$

9.  $5 \div \frac{1}{4} = \underline{\quad}$

## Problem Solving

10. Thuy can run  $\frac{1}{10}$  mile per minute. How many minutes will it take Thuy to run 3 miles?

\_\_\_\_\_

11. Derrick has 3 yards of ribbon to use for wrapping gifts. He cuts the ribbon into pieces that are  $\frac{1}{4}$  yard long. How many pieces of ribbon does Derrick have?

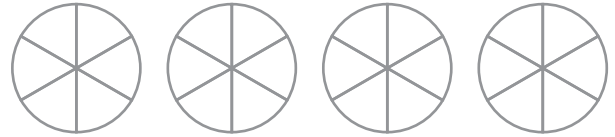
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## Relate Multiplication and Division of Fractions

Go Online

Interactive Examples

1. Sebastian bakes 4 pies and cuts each pie into sixths.  
How many  $\frac{1}{6}$ -size pie slices does he have?



To find the total number of sixths in the 4 pies, multiply the number of sixths in each pie by the number of pies.  $4 \div \frac{1}{6} = 4 \times 6 = 24$  one-sixth-pie slices

2. Ali has 2 vegetable pizzas that she cuts into eighths.  
How many  $\frac{1}{8}$ -size pieces does she have?

3. A baker has 6 loaves of bread. Each loaf weighs 1 pound. He cuts each loaf into thirds. How many  $\frac{1}{3}$ -pound loaves of bread does the baker now have?

4. Suppose the baker has 4 loaves of bread and cuts the loaves into halves. How many  $\frac{1}{2}$ -pound loaves of bread would the baker have?

5. Madalyn has 3 watermelons that she cuts into halves to give to her neighbors. How many neighbors will get a  $\frac{1}{2}$ -size piece of watermelon?

6. For 6a–6c, select whether each equation is True or False.

6a.  $6 \times \frac{1}{3} = 18$

☐ True    ☐ False

6b.  $20 = 5 \div \frac{1}{4}$

☐ True    ☐ False

6c.  $6 + 2 = 4 \div \frac{1}{2}$

☐ True    ☐ False