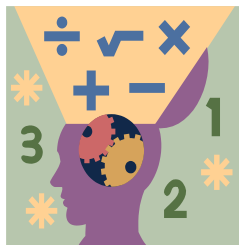


Name: _____ Section: _____



Homework

Greetings, Scholar and Parents! This week, we start **Chapter 10 – Fraction Multiplication**. Fraction multiplication is itself straight-forward, but leads to remarkable results and its effects require deep understanding to succeed on the fast. It is absolutely essential that students have a solid mastery of multiplication to speed along their solving of higher level problems.

Extra Practice

Additional practice for the daily lessons is available on IXL. To access extra practice, please have your child login into IXL and see **“From Your Teacher”** section. These are recommended for reinforcement.

- [Divide unit fractions and whole numbers](#)
- [Divide unit fractions and whole numbers using area models](#)
- [Relate division and fractions](#)
- [Understand fractions as division: word problems](#)
- [Divide unit fractions and whole numbers: word problems](#)
- [Divide whole numbers by unit fractions using models](#)

Notes

This homework assignment is due on Sunday, November 16th. 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@archimedean.org.

<u>Monday</u>	November 10 th	Final Fractions Practice (Due Tuesday)
<u>Tuesday</u>	November 11 th	NO SCHOOL; Study Guide & Practice Due
<u>Wednesday</u>	November 12 th	ALL FRACTIONS OPERATION TEST
<u>Thursday</u>	November 13 th	12.1
<u>Friday</u>	November 14 th	12.2

Properties

Go Online

Interactive Examples

Use properties to find the sum or product.

1. 6×8.9

$$6 \times (9 - 0.1)$$

$$(6 \times 9) - (6 \times 0.1)$$

$$54 - 0.6$$

53.4

2. $93 + (68 + 7)$

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

4. 8×51

5. $34 + 0 + 18 + 26$

6. 6×107

Complete the equation, and tell which property you used.

7. $(3 \times 10) \times 8 = \underline{\hspace{2cm}} \times (10 \times 8)$

8. $1.6 + 3.1 = 3.1 + \underline{\hspace{2cm}}$

Problem Solving

9. The Metro Theater has 20 rows of seats with 18 seats in each row. Tickets cost \$5. The theater's income in dollars if all seats are sold is $(20 \times 18) \times 5$. Use properties to find the total income.
- _____

10. The numbers of students in the four sixth-grade classes at Northside School are 26, 19, 34, and 21. Use properties to find the total number of students in the four classes.
- _____

Lesson Check

12. To find $\frac{1}{9} + (\frac{3}{9} + \frac{8}{9})$, Lennie added $\frac{1}{9}$ and $\frac{8}{9}$. Then he added $\frac{3}{9}$ to the sum. What properties did he use?

13. Marita did 65 sit-ups each day for one week. Use the Distributive Property to show an expression you can use to find the total number of sit-ups Marita did during the week.

Write Numerical Expressions

Go Online

Interactive Examples

Write an expression to match the words.

- Ethan collected 16 seashells. He lost 4 of them while walking home.

- Yasmine bought 4 bracelets. Each bracelet cost \$3.65.

- Amani did 100 jumping jacks. She did $\frac{2}{5}$ as many pushups as jumping jacks.

- Darryl has a board that is 8.4 feet long. He cuts it into pieces that are each 2 feet long.

Write words to match the expression.

5. $3 + (4 \times 2.25)$

6. $36 \div \frac{1}{4}$

7. $24 - (6 + 3)$

Problem Solving

- Kylie has 14 polished stones. Her friend has $\frac{1}{2}$ as many stones. Write an expression to match the words.

- Rashad had 25 stamps. He shared them equally among himself and 4 friends. Then Rashad found 2 more stamps in his pocket. Write an expression to match the words.

Lesson Check

- 11.** Jenna bought 3 packs of bottled water, with 8 bottles in each pack. Then she gave 6 bottles away. Write an expression to match the words.
- 12.** Stephen had 24 miniature cars. He gave 4 cars to his brother. Then he passed the rest of the cars out equally among 4 of his friends. Which operation would you use to represent the first part of this situation?
