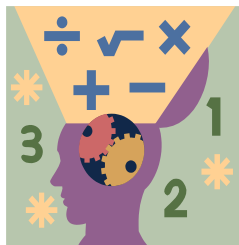


Name: _____ Section: _____



Homework

Greetings Scholar and Parents. Hope you are all comfortably settled into the new year. This week we will be working on **Chapter 8: Adding & Subtracting Fractions**. Remember to check **CINEMATH** for reviews! You will have a test this week on **Wednesday, October 16th**, on **Adding, Subtracting, and Multiplying Decimals**.

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 by powers of ten.
- Decimal division patterns over increasing place values.
- Divide decimal by one-digit whole numbers without adding zeroes.
- Divide decimal by two-digit whole numbers without adding zeroes.
- Divide decimals by whole numbers: word problems
- Divide money amounts: word problems

Notes

Completed homework packets should be uploaded or turned in on Sunday October 20th, 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@archimedean.org.

<u>Monday</u>	October 14 th	– STEM Day...
<u>Tuesday</u>	October 15 th	– STEM Day...
<u>Wednesday</u>	October 16 th	– TEST DAY
<u>Thursday</u>	October 17 th	– 8.4
<u>Friday</u>	October 18 th	– 8.5

Rewrite Fractions with Common Denominators

Go Online

Interactive Examples

Use a common denominator to write an equivalent fraction for each fraction.

1. $\frac{1}{5}, \frac{1}{2}$ common denominator: 10

2. $\frac{1}{4}, \frac{2}{3}$ common denominator: _____

3. $\frac{5}{6}, \frac{1}{3}$ common denominator: _____

Think: 10 is a multiple of 5 and 2.
Find equivalent fractions with a denominator of 10.

$$\frac{2}{10}, \frac{5}{10}$$

4. $\frac{3}{5}, \frac{1}{3}$ common denominator: _____

5. $\frac{1}{2}, \frac{3}{8}$ common denominator: _____

6. $\frac{1}{6}, \frac{1}{4}$ common denominator: _____

Use a common denominator to write an equivalent fraction for each fraction.

7. $\frac{5}{6}, \frac{2}{9}$


8. $\frac{1}{12}, \frac{3}{8}$

9. $\frac{5}{9}, \frac{2}{15}$

Problem Solving

10. Ella spends $\frac{2}{3}$ hour practicing the piano each day. She also spends $\frac{1}{2}$ hour jogging. What is a common denominator of the fractions?

11. In a science experiment, a plant grew $\frac{3}{4}$ inch one week and $\frac{1}{2}$ inch the next week. Use a common denominator to write an equivalent fraction for each fraction.

12.  **WRITE** *Math* Describe how you would rewrite the fractions $\frac{1}{6}$ and $\frac{1}{4}$ with a common denominator.

Lesson Check

13. Name a pair of fractions that use a common denominator and are equivalent to $\frac{9}{10}$ and $\frac{5}{6}$.

14. Jose says that there is $\frac{5}{8}$ of a ham sandwich left and $\frac{1}{2}$ of a turkey sandwich left. What is NOT a pair of equivalent fractions for $\frac{5}{8}$ and $\frac{1}{2}$?

Add and Subtract Fractions with Unlike Denominators

Go Online

Interactive Examples

Find the sum or difference.

1. $\frac{1}{2} - \frac{1}{7}$

$$\begin{array}{r} \frac{1}{2} \rightarrow \frac{7}{14} \\ -\frac{1}{7} \rightarrow -\frac{2}{14} \\ \hline \frac{5}{14} \end{array}$$

2. $\frac{7}{10} - \frac{1}{2}$

3. $\frac{1}{6} + \frac{1}{2}$

4. $\frac{5}{8} + \frac{2}{5}$

5. $\frac{9}{10} - \frac{1}{3}$

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

7. $\frac{5}{7} - \frac{1}{4}$


8. $\frac{7}{8} + \frac{1}{3}$

9. $\frac{5}{6} + \frac{2}{5}$

Problem Solving

10. Kaylin mixed two liquids for a science experiment. One container held $\frac{7}{8}$ cup and the other held $\frac{9}{10}$ cup. What is the total amount of the mixture?

11. Hector bought $\frac{1}{4}$ pound of screws and $\frac{2}{5}$ pound of nails to build a skateboard ramp. What is the total weight of the screws and nails?

12.  **WRITE** *Math* How is $\frac{1}{2} + \frac{1}{4}$ solved differently than $\frac{1}{2} + \frac{1}{3}$?

Lesson Check

13. Lyle bought $\frac{3}{8}$ pound of red grapes and $\frac{5}{12}$ pound of green grapes. How many pounds of grapes did he buy?
14. Jennifer had a $\frac{7}{8}$ -foot board. She cut off a $\frac{1}{4}$ -foot piece that was for a project. In feet, how much of the board is left?
