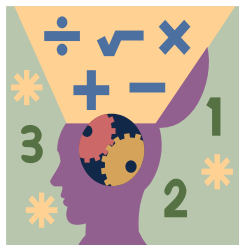


Name: _____ Section: _____



Homework

Greetings Scholar and Parents. Hope you are all comfortably settled into the new year. This week we will be working on **Chapter 7: Dividing Decimals**. Remember to check **CINEMATH** for reviews!

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 6th, 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>	September 23 rd	– Quiz Day
<u>Tuesday</u>	September 24 th	– 7.1
<u>Wednesday</u>	September 25 th	– 7.4
<u>Thursday</u>	September 26 th	– TEACHER PLANNING DAY
<u>Friday</u>	September 27 th	– 7.6

Understand Decimal Division Patterns

Go Online

Interactive Examples

Complete the pattern.

1. $78.3 \div 1 = \underline{78.3}$

$78.3 \div 10 = \underline{7.83}$

$78.3 \div 100 = \underline{0.783}$

2. $179 \div 1 = \underline{\hspace{2cm}}$

$179 \div 10 = \underline{\hspace{2cm}}$

$179 \div 100 = \underline{\hspace{2cm}}$

$179 \div 1,000 = \underline{\hspace{2cm}}$

3. $87.5 \div 1 = \underline{\hspace{2cm}}$

$87.5 \div 10 = \underline{\hspace{2cm}}$

$87.5 \div 100 = \underline{\hspace{2cm}}$

4. $124 \div 1 = \underline{\hspace{2cm}}$

$124 \div 10 = \underline{\hspace{2cm}}$

$124 \div 100 = \underline{\hspace{2cm}}$

$124 \div 1,000 = \underline{\hspace{2cm}}$

5. $18 \div 1 = \underline{\hspace{2cm}}$

$18 \div 10 = \underline{\hspace{2cm}}$

$18 \div 100 = \underline{\hspace{2cm}}$

$18 \div 1,000 = \underline{\hspace{2cm}}$

6. $16 \div 1 = \underline{\hspace{2cm}}$

$16 \div 10 = \underline{\hspace{2cm}}$

$16 \div 100 = \underline{\hspace{2cm}}$

$16 \div 1,000 = \underline{\hspace{2cm}}$

7. $51.8 \div 1 = \underline{\hspace{2cm}}$

$51.8 \div 10 = \underline{\hspace{2cm}}$

$51.8 \div 100 = \underline{\hspace{2cm}}$

8. $49.3 \div 1 = \underline{\hspace{2cm}}$

$49.3 \div 10 = \underline{\hspace{2cm}}$

$49.3 \div 100 = \underline{\hspace{2cm}}$

9. $32.4 \div 1 = \underline{\hspace{2cm}}$


$32.4 \div 10 = \underline{\hspace{2cm}}$

$32.4 \div 100 = \underline{\hspace{2cm}}$

Problem Solving

10. The local café uses 510 cups of mixed vegetables to make 1,000 quarts of beef barley soup. Each quart of soup contains the same amount of vegetables. How many cups of vegetables are in each quart of soup?

11. The same café uses 18.5 cups of flour to make 100 servings of pancakes. How many cups of flour are in one serving of pancakes?

12.  **WRITE** *Math* Explain how to use a pattern to find $35.6 \div 100$.

Lesson Check

- 13.** The Statue of Liberty is 305.5 feet tall from the foundation of its pedestal to the top of its torch. Isla is building a model of the statue. The model will be one-hundredth times as tall as the actual statue. How tall will the model be?
- 14.** Sue's teacher asked her to find $42.6 \div 100$. How many places and in what direction should Sue move the decimal point to get the correct quotient?

Divide Decimals by Whole Numbers

Go Online

Interactive Examples

Divide.

$$\begin{array}{r}
 1.32 \\
 7 \overline{)9.24} \\
 \underline{-7} \\
 22 \\
 \underline{-21} \\
 14 \\
 \underline{-14} \\
 0
 \end{array}$$

2. $6 \overline{)5.04}$

3. $23 \overline{)85.1}$

4. $36 \overline{)86.4}$

5. $6 \overline{)6.48}$

6. $8 \overline{)59.2}$


7. $5 \overline{)2.35}$

8. $41 \overline{)278.8}$

9. $19 \overline{)70.49}$

Problem Solving

10. On Saturday, 12 friends go ice skating. Altogether, they pay \$83.40 for admission. They share the cost equally. How much does each person pay?
11. A team of 4 people participates in a 400-yard relay race. Each team member runs the same distance. The team completes the race in a total of 53.2 seconds. What is the average running time for each person?

12.  *Math* Write a word problem involving money that requires dividing a decimal by a whole number. Include an estimate and a solution.

Lesson Check

- 13.** Theresa pays \$9.56 for 4 pounds of tomatoes.
What is the cost of 1 pound of tomatoes?

- 14.** Robert wrote the division problem shown.
What is the quotient?

$$13 \overline{)83.2}$$

Solve Multistep Decimal Problems

Go Online

Interactive Examples

1. Lily spent \$30.00 on a T-shirt, a sandwich, and 2 books. The T-shirt cost \$8.95, and the sandwich cost \$7.25. The books each cost the same amount. How much did each book cost?

$$(2 \times \text{cost of each book}) + \$8.95 + \$7.25 = \$30.00$$

$$\$30.00 - \$8.95 - \$7.25 = (2 \times \text{cost of each book})$$


$$(2 \times \text{cost of each book}) = \$13.80$$

$$\$13.80 \div 2 = \$6.90$$

\$6.90

2. Meryl spends a total of \$68.82 for 2 pairs of sneakers with the same cost. The sales tax is \$5.32. Meryl also uses a coupon for \$3.00 off her purchase. How much does each pair of sneakers cost?

3. A 6-pack of undershirts costs \$13.98. This is \$3.96 less than the cost of buying 6 individual shirts. If each undershirt costs the same amount, how much does each undershirt cost when purchased individually?

4.  **WRITE** *Math* Write a problem that can be solved using a flowchart and working backward. Then draw the flowchart and solve the problem.

Lesson Check

5. Joe spends \$8 on lunch and \$6.50 on dry cleaning. He also buys 2 shirts that each cost the same amount. Joe spends a total of \$52. What is the cost of each shirt?
6. Tia uses a \$50 gift certificate to buy a pair of pajamas for \$17.97, a necklace for \$25.49, and 3 pairs of socks that each cost the same amount. Tia has to pay \$0.33 because the gift certificate does not cover the total cost of all the items. How much does each pair of socks cost?
