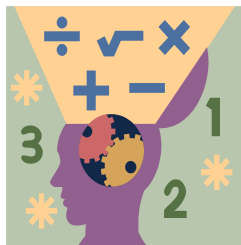


Name: \_\_\_\_\_ Section: \_\_\_\_\_



### **Homework**

Greetings, Scholar and Parents! This week, we begin **Chapter 7 – Division with Decimals**. Division with decimals is one of the most rigorously tested and important standards for 5<sup>th</sup> grade. It is absolutely essential that students have a solid mastery of not just division, but 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 decimals by one-digit whole numbers without adding zeros](#)
- [Divide decimals by two-digit whole numbers without adding zeros](#)
- [Divide decimals by decimals: whole number quotients](#)
- [Divide by decimals](#)
- [Divide by powers of ten](#)
- [Decimal division patterns over increasing place values](#)

### **Notes**

**This homework assignment is due on Sunday, September 28<sup>th</sup>**. 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](mailto:peter.vanegas@archimedean.org).

<u>Monday</u>	September 22 <sup>nd</sup>	7.4
<u>Tuesday</u>	September 23 <sup>rd</sup>	<b>Teacher Planning Day</b>
<u>Wednesday</u>	September 24 <sup>th</sup>	<b>QUIZ DAY: Multiplying Decimals</b>
<u>Thursday</u>	September 25 <sup>th</sup>	7.5
<u>Friday</u>	September 26 <sup>th</sup>	7.1

# Divide Decimals by Whole Numbers

Go Online

Interactive Examples

Divide.

$$\begin{array}{r}
 1.32 \\
 7 \overline{)9.24} \\
 \underline{-7} \phantom{00} \\
 22 \phantom{0} \\
 \underline{-21} \phantom{0} \\
 14 \phantom{0} \\
 \underline{-14} \\
 0
 \end{array}$$

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?

\_\_\_\_\_

\_\_\_\_\_

## 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?

$$13 \overline{)83.2}$$

Name \_\_\_\_\_

# Decimal Division

Go Online

Interactive Examples

Divide. Use decimal models.

3.  $2.8 \div 0.7 =$  \_\_\_\_\_

4.  $0.40 \div 0.05 =$  \_\_\_\_\_

5.  $0.45 \div 0.05 =$  \_\_\_\_\_

6.  $1.62 \div 0.27 =$  \_\_\_\_\_

7.  $0.56 \div 0.08 =$  \_\_\_\_\_

8.  $1.8 \div 0.9 =$  \_\_\_\_\_

## Problem Solving

9. Keisha buys 2.4 kilograms of rice. She separates the rice into packages that contain 0.4 kilogram of rice each. How many packages of rice can Keisha make?

\_\_\_\_\_

10. Leighton is making cloth headbands. She has 4.2 yards of cloth. She uses 0.2 yard of cloth for each headband. How many headbands can Leighton make from the length of cloth she has?

\_\_\_\_\_

# 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?
- \_\_\_\_\_