

AMERICAN MATH HW
WEEK OF October 6 to October 10

Due Date: **Sunday, 10/10 by midnight**

Focus for the week: The focus of the HW this week is to divide tens, hundreds, and thousands by whole numbers to 10, use compatible numbers to estimate quotients, and use place value to determine where to place the first digit of a quotient.

Pacing guideline: Look at the top right corner of the page for the suggested pace.

Uploading Instructions: Homework will be accepted only through Archie. Upload homework on Archie and wait till you get the message - “**the file has been successfully uploaded**”. If for any reason you have technical issues, get in touch with me as soon as possible.

Paper homework is accepted for valid reasons. In such cases, parents should reach out via email to inform about the same.

IMPORTANT – Please show ALL YOUR WORK done to find the answer to any problem to earn FULL CREDIT. No credit is earned when only final answer is written and no work is shown.

Note: Bring your homework to class everyday. I will discuss the HW from the previous day in every class. It is important to practice the assigned topics daily because the next day’s instruction builds on the previous lesson.

ANNOUNCEMENT – TEST on Wed 10/08 on content covered last week.

Additional Practice Material (Optional):

1) IXL practice:

- i. Go to IXL.com on any web browser OR IXL app on iPad
- ii. Login using following credentials:
 - Username – your_archie_username@archimedeanacad
 - Password – archie199
- iii. Go to Learning> Skills> Fourth Grade Math
- iv. Practice modules –
Fourth Grade : L4, L5

Monday

Test Review

Use basic facts and place value to find the quotient.

1. $560 \div 8 =$

2. $6,400 \div 8 = \underline{\quad}$

3. $3,500 \div 7 = \underline{\quad}$

4. $240 \div 6 = \underline{\quad}$

5. $4,800 \div 6 = \underline{\quad}$

6. $6,300 \div 7 = \underline{\quad}$

7. $5,400 \div 9 = \underline{\quad}$

8. $420 \div 7 = \underline{\quad}$

9. $1,200 \div 4 = \underline{\quad}$

10. $300 \div 5 = \underline{\quad}$

11. $150 \div 3 = \underline{\quad}$

12. $360 \div 6 = \underline{\quad}$

Divide.

1. $83 \div 3$

2. $85 \div 5$

3. $97 \div 4$

Share and Show



Tuesday

1. There are 452 pictures of dogs in 4 equal groups. How many pictures are in each group? Explain how you can use place value to place the first digit in the quotient.



Divide.

✓ 2. $4 \overline{)166}$

✓ 3. $5 \overline{)775}$



MTR 3.1 Complete tasks with mathematical fluency.

How did you know where to place the first digit of the quotient in Problem 2?

On Your Own

Divide.

4. $4 \overline{)284}$

5. $5 \overline{)394}$

6. $3 \overline{)465}$

7. $8 \overline{)272}$

8. $516 \div 2$

9. $516 \div 3$

10. $516 \div 4$

11. $516 \div 5$

12. **MTR** Look back at your answers to Problems 8–11. What happens to the quotient when the divisor increases? Explain.

13. Reggie has 192 pictures of animals. He wants to keep half and then divide the rest equally among 3 friends. How many pictures will each friend get?

14. There are 146 students, 5 teachers, and 8 chaperones going to the theater. To reserve their seats, they need to reserve entire rows. Each row has 8 seats. How many rows must they reserve?

Place the First Digit

Wednesday

Go Online

Interactive Examples

Divide.

$$\begin{array}{r}
 62 \\
 3 \overline{)186} \\
 \underline{-18} \\
 06 \\
 \underline{-6} \\
 0
 \end{array}$$

2. $4 \overline{)298}$

3. $3 \overline{)461}$

4. $9 \overline{)315}$

5. $2 \overline{)988}$


6. $4 \overline{)604}$

7. $6 \overline{)796}$

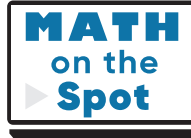
8. $5 \overline{)449}$

Problem Solving

9. There are 132 projects in the science fair. If 8 projects can fit in a row, how many full rows of projects can be made? How many projects are in the row that is not full?
10. There are 798 calories in six 10-ounce bottles of apple juice. How many calories are there in one 10-ounce bottle of apple juice?

11.  *Math* Write a division problem that will have a 2-digit quotient and another division problem that will have a 3-digit quotient. Explain how you chose the divisors and dividends.

On Your Own



5. Ms. Johnson bought 6 bags of balloons. Each bag has 25 balloons. She fills all the balloons and puts 5 balloons in each bunch. How many bunches can she make?

6. An adult's dinner costs \$8. A family of 2 adults and 2 children pays \$26 for their dinners. How much does a child's dinner cost? Explain.

7. **MTR** Use the table at the right. Maria bought 80 ounces of apples. She needs 10 apples to make a pie. How many apples will be left over? Explain.

8. Taylor has 16 tacks. She buys 2 packages of 36 tacks each. How many garage sale posters can she put up if she uses 4 tacks for each poster?

9. Ryan bought 8 dozen bandages for the track team first-aid kit. The bandages were divided equally into 4 boxes.

How many bandages are in each box?



Fruit	Average weight
Peach	6 ounces
Apple	5 ounces
Plum	2 ounces