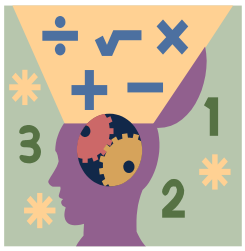
Name:_____ Section: _____



Hello scholars and parents. We will continue Chapter 7 Divide Decimals this week with Lessons 7.2, 7.3, 7.4 and 7.5

The students will continue work ing with IXL skills DD and start to work with FF skills, From 1 to 8

If you have any questions or concerns, please feel free to contact me at vasily.tserekh@archimedean.org .

Notes

Students **MUST** prove and show all their work. If additional space is needed, please feel free to attach lined paper to the homework packet. **Failure to show your work will result in a lower grade**. Please complete the homework to the best of your abilities

Monday	December 4	Chapter 7 Lesson 2
Tuesday	December 5	Chapter 7 Lesson 3
Wednesday	December 6 –	Chapter 7 Lesson 4
Thursday	December 7 –	Chapter 7 Lesson 4
Friday	December 8 –	Chapter 7 lesson 5

Parents please initial below each day acknowledging your child has completed the assigned homework. **Homework will be checked daily in class. Completed homework packets are due on Monday, december 11 for a grade.**

Monday **December 4**	**Tuesday** **November 28**	**Wednesday** **November 29**	**Thursday** **November 30**	**Friday** **December 1**
Homework page 1	Homework page 2	**Homework page 3**	**HW Page 4**	No Hw

Name _____

Understand Decimal Division Patterns

Go Online
Interactive Examples

Complete the pattern.

1. $78.3 \div 1 =$ 78.3
$78.3 \div 10 =$ 7.83
$78.3 \div 100 =$ 0.783

2. $179 \div 1 =$ _____
$179 \div 10 =$ _____
$179 \div 100 =$ _____
$179 \div 1{,}000 =$ _____

3. $87.5 \div 1 =$ _____
$87.5 \div 10 =$ _____
$87.5 \div 100 =$ _____

4. $124 \div 1 =$ _____
$124 \div 10 =$ _____
$124 \div 100 =$ _____
$124 \div 1{,}000 =$ _____

5. $18 \div 1 =$ _____
$18 \div 10 =$ _____
$18 \div 100 =$ _____
$18 \div 1{,}000 =$ _____

6. $16 \div 1 =$ _____
$16 \div 10 =$ _____
$16 \div 100 =$ _____
$16 \div 1{,}000 =$ _____

7. $51.8 \div 1 =$ _____
$51.8 \div 10 =$ _____
$51.8 \div 100 =$ _____

8. $49.3 \div 1 =$ _____
$49.3 \div 10 =$ _____
$49.3 \div 100 =$ _____

9. $32.4 \div 1 =$ _____
$32.4 \div 10 =$ _____
$32.4 \div 100 =$ _____

Problem Solving Real World

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 $35.6 \div 100$.

_____

_____

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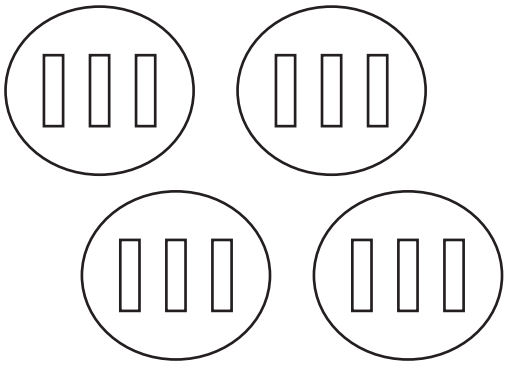
Name _____

Represent Division of Decimals by Whole Numbers

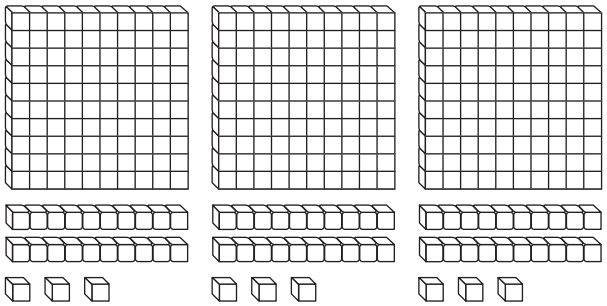
Go Online
Interactive Examples

Use the model to complete the number sentence.

1. $1.2 \div 4 =$ 0.3



2. $3.69 \div 3 =$ _____



Divide. Use base-ten blocks.

3. $4.9 \div 7 =$ _____

4. $3.6 \div 9 =$ _____

5. $2.4 \div 8 =$ _____

6. $6.48 \div 4 =$ _____

7. $3.01 \div 7 =$ _____

8. $4.26 \div 3 =$ _____

Problem Solving Real World

9. In PE class, Carl runs a distance of 1.17 miles in 9 minutes. At that rate, how far does Carl run in one minute?

_____

10. Marianne spends $9.45 on 5 greeting cards. Each card costs the same amount. What is the cost of one greeting card?

_____

11. WRITE Math Explain how you can use base-ten blocks or other decimal models to find $3.15 \div 3$. Include pictures to support your explanation.

_____

_____

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Name _____

Estimate Quotients

Go Online
Interactive Examples

Use compatible numbers to estimate the quotient.

1. 19.7 ÷ 3

18 ÷ 3 = 6

2. 394.6 ÷ 9

3. 308.3 ÷ 15

Estimate the quotient.

4. 63.5 ÷ 5

5. 57.8 ÷ 81

6. 172.6 ÷ 39

7. 43.6 ÷ 8

8. 2.8 ÷ 6

9. 467.6 ÷ 8

10. 209.3 ÷ 48

11. 737.5 ÷ 9

12. 256.1 ÷ 82

Problem Solving Real World

13. Taylor uses 645.6 gallons of water in 7 days. Suppose Taylor uses the same amount of water each day. About how much water does Taylor use each day?

14. On a road trip, Sandy drives 368.7 miles. Her car uses a total of 18 gallons of gas. About how many miles per gallon does Sandy's car get?

15. WRITE Math Explain how to find an estimate for the quotient 3.4 ÷ 6.

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Name _____

Divide Decimals by Whole Numbers

Go Online
Interactive Examples

Divide.

1. $7\overline{)9.24}$

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

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 Real World

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

_____

_____

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