

5TH GRADE AMERICAN MATH HW

Name _____

LESSON 3.1
Practice and Homework

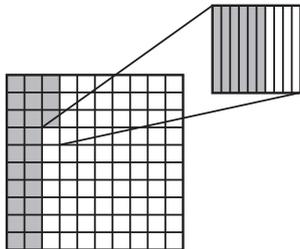
Understand Thousandths

Go Online

Interactive Examples

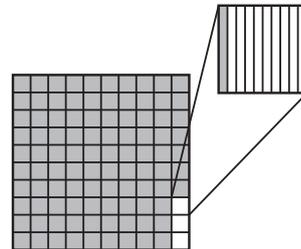
Write the decimal shown by the shaded parts of each model.

22.



0.236

23.



Think: 2 tenths, 3 hundredths,
and 6 thousandths are shaded

Complete the sentence.

24. 0.4 is 10 times as much as _____.

25. 0.003 is $\frac{1}{10}$ of _____.

Use place-value patterns to complete the table.

	Decimal	10 times as much as	$\frac{1}{10}$ of
26.	0.1		
27.	0.09		

	Decimal	10 times as much as	$\frac{1}{10}$ of
28.	0.08		
29.	0.2		

Problem Solving

30. The diameter of a dime is seven hundred five thousandths of an inch. Complete the table by recording the diameter of a dime.

31. What is the value of the 5 in the diameter of a half dollar?

32. Which coins have a diameter with a 5 in the hundredths place?

33. **WRITE**  *Math* Write four decimals with the digit 4 in a different place in each—ones, tenths, hundredths, and thousandths. Then write a statement that compares the value of the digit 4 in the different decimals.

U.S. Coins	
Coin	Diameter (in inches)
Penny	0.750
Nickel	0.835
Dime	
Quarter	0.955
Half dollar	1.205

Name _____

Read and Write Decimals Through Thousandths

Go Online

Interactive Examples

Write the value of the underlined digit.

21. 0.287

8 hundredths, or 0.08

22. 15.349

23. 2.704

24. 96.154

25. 4.006

26. 317.258

Write the number in two other forms.

27. $3 \times \left(\frac{1}{10}\right) + 2 \times \left(\frac{1}{100}\right) + 6 \times \left(\frac{1}{1,000}\right)$

28. 348.517

29. nine hundred twenty-four thousandths

30. 1,924.075

Problem Solving

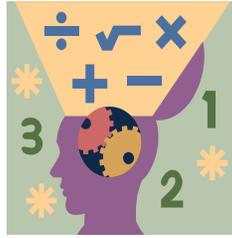
31. In a gymnastics competition, Paige's score was 37.025. What is Paige's score written in word form?

32. Haru's batting average for the softball season is 0.368. What is Haru's batting average written in expanded form?

33.  *Math* Write five decimals that have at least 3 digits to the right of the decimal point. Write the expanded form and the word form for each number.

Name: _____

Section: _____



Homework

Hello Scholars and Parents,

The home work of this week is about the understanding and application of Place Value. The scholars will understand how to use place value and conversion between fractions and decimals very well through the practice in the classroom and after class. Please do not work ahead on homework assignment. Failure to complete homework or bring packet to class will result in points less.

Reminders

Please have your scholars use the textbook, journal for the daily lesson. WE need more practice to enhance our calculation skill of conversion between decimals and fractions. There you will see assignments for each section in the chapter we are going to finish.

Notes

Completed homework packets should be uploaded or turned in on Monday, August 29th. Students must prove and show all their work. 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 Archimedean Cinemath. Please feel free to contact me with any questions or concerns at mei.zhang@archimedean.org.

<u>Monday</u>	August 22nd	- Lesson 3.1
<u>Tuesday</u>	August 23rd	- Lesson 3.2 & No homework
<u>Wednesday</u>	August 24th.	- Lesson 3.2
<u>Thursday</u>	August 25th.	- Lesson 3.3 & No homework
<u>Friday</u>	August 26th.	- Lesson 3.3

Name _____

LESSON 3.4
Practice and Homework

Compare and Order Decimals

Go Online

Interactive Examples

Compare. Write $<$, $>$, or $=$.

28. $4.735 \bigcirc 4.74$

29. $2.549 \bigcirc 2.549$

30. $3.207 \bigcirc 3.027$

31. $8.25 \bigcirc 8.250$

32. $5.871 \bigcirc 5.781$

33. $9.36 \bigcirc 9.359$

Order from greatest to least.

34. $3.008; 3.825; 3.09; 3.18$

35. $0.386; 0.3; 0.683; 0.836$

Find the unknown digit to make each statement true.

36. $2.48 > 2.4 \blacksquare 1 > 2.463$

37. $5.723 < 5.72 \blacksquare < 5.725$

38. $7.64 < 7. \blacksquare 5 < 7.68$

Problem Solving

39. The completion times for three runners in a 100-yard dash are 9.75 seconds, 9.7 seconds, and 9.675 seconds. Which is the least time?

40. In a discus competition, an athlete threw the discus 63.37 meters, 62.95 meters, and 63.7 meters. Order the distances from least to greatest.

41.  Write a word problem that can be solved by ordering three decimals to thousandths. Include a solution.

Name _____

LESSON 3.4
Practice and Homework

Compare and Order Decimals

Go Online

Interactive Examples

Compare. Write $<$, $>$, or $=$.

28. $4.735 \bigcirc 4.74$

29. $2.549 \bigcirc 2.549$

30. $3.207 \bigcirc 3.027$

31. $8.25 \bigcirc 8.250$

32. $5.871 \bigcirc 5.781$

33. $9.36 \bigcirc 9.359$

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Problem Solving

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Name _____

Round Decimals

Go Online

Interactive Examples

Write the place value of the underlined digit. Round each number to the place of the underlined digit.

25. 0.782

26. 4.735

27. 2.348

28. 0.506

29. 15.186

30. 8.465

Name the place value to which each number was rounded.

31. 0.546 to 0.55

32. 4.805 to 4.8

33. 6.493 to 6

Round 18.194 to the place named.

34. tenths

35. hundredths

36. ones

Problem Solving

37. The population density of Montana is 6.699 people per square mile. What is the population density per square mile of Montana rounded to the nearest whole number?

38. Alex is mailing an envelope that weighs 0.346 pound. What is the weight of the envelope rounded to the nearest hundredth?

39.  Describe how to round 3.987 to the nearest tenth.

