Grade 5 Math

Week of 5/25 to 5/29/2020: Understanding Decimal Place Value

Standard: 5.NBT.A.3a

Read and write decimals to the thousandths using base 10 numerals, number names and expanded form.

Objective: Read and write numbers with decimals through the thousandths using standard form, expanded form and number names.

Instructional learning videos to support the review objective:

https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimalsintro/v/expanding-out-a-decimal-by-place-value

- 1. Practice Worksheet: Guided Practice 1-4
- **2.** Problem of the Day: (POD): Luisa has a ruler that measures $(5 \times 1/10) + (8 \times 1/100) + (4 \times 1/1000)$ of meter. Write this measurement in decimal form.
- 3. Amazing Race: Write down 10 ways you can show the number (pictures, numbers words): 4.25
- 4. NEW!! FUN ONLINE PRACTICE: GO TO ST MATH 30 MINUTES/DAY (ACCESS THROUGH CLEVER).

Additional Support:

https://www.ixl.com/math/grade-5/convert-decimals-between-standard-and-expanded-form

https://www.youtube.com/watch?v=u2L0qWVePfc

Additional Online Resources:

- EnVisions (through CLEVER)
- Imagine Math

Name





Math Practices and Problem Solving

11. Omega MP.4 Model with Math The annual fundraising goal of a charity is \$100,000. So far \$63,482 has been raised. How much more money is needed to reach the goal?

\$100,000				
\$63,482	?			

13. (a) MP.2 Reasoning How can you tell that 7.630 and 7.63 are equivalent decimals?

 Santiago has a rope that measures 205.95 centimeters. Write this number in expanded form.

- 14.
 MP.1 Make Sense and Persevere In Justin's school, 0.825 of the students participate in a sport. If there are one thousand students in Justin's school, how many participate in a sport?
- **15.** Maria incorrectly placed the decimal point when she wrote 0.65 inch for the width of her tablet computer. What is the correct decimal number for the width?



16. Higher Order Thinking Three boys cut out hundredths decimal models. Derrick does not shade any of his models. Ari shades half of one model. Wesley shades two models and one tenth of another model. What decimal represents the amount each boy shades?



Common Core Assessment

17. Find two decimals that are equivalent to $(4 \times 10) + (7 \times \frac{1}{100})$. Write the decimals in the box.

40.7	40.07	4.7	40.070	4.70	40.70

