



MISSISSIPPI

EXEMPLAR

Units & Lessons

MATHEMATICS

Grade 4

Grant funded by:



Lesson 7: Closing Ceremony

Focus Standard(s): 4.NF.6, 4.NF.7

Additional Standard(s): 4.NF.5, 4.MD.2

Standards for Mathematical Practice: SMP.1, SMP.2, SMP.3, SMP.4, SMP.5, SMP.6, SMP.7

Estimated Time: 30 minutes

Resources and Materials:

- Base Ten Blocks
- Number Lines
- Pencils
- Place Value Mats
- Handout 7.1: Final Assessment
- Closing Ceremony: <https://www.youtube.com/watch?v=ssc5eLjLoMQ>

Lesson Target(s):

- Students will demonstrate their understanding of decimal fractions by completing a final assessment.

Guiding Question(s):

- Why are decimal fractions important?

Vocabulary


Academic Vocabulary:

- Decimal fractions
- Denominator
- Hundredths
- Numerator
- Tenths

Instructional Strategies for Academic Vocabulary:

- Discuss the meaning of word in a mathematical context
- Write/discuss using the words

Note: Vocabulary instruction should be embedded into the lesson each day using the strategies suggested above.

Symbol	Type of Text and Interpretation of Symbol
	Instructional support and/or extension suggestions for students who are EL, have disabilities, or perform well below the grade level and/or for students who perform well above grade level
✓	Assessment (Pre-assessment, Formative, Self, or Summative)
Instructional Plan	
<p>Understanding Lesson Purpose and Student Outcomes: Students will complete a final assessment.</p> <p>Anticipatory Set/Introduction to the Lesson: Explain to students that the Olympics has now come to an end for the classroom and that today they will be given their final assessment. Conduct a brief review of all they have learned.</p> <p>Activity 1: Final Assessment ✓ Provide students with Handout 7.1 Final Assessment</p> <div data-bbox="310 911 1770 1073" style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>For students who are EL, have disabilities, or perform well below grade level:</p> <ul style="list-style-type: none"> • Allow students to use any of the tools and manipulatives that were used during the unit. • Students can use notes or work completed throughout the unit for assistance. </div> <p>Reflection and Closing: Show a small clip of the Closing Ceremony for the 2016 Summer Olympics.</p>	
Homework	
No Homework	

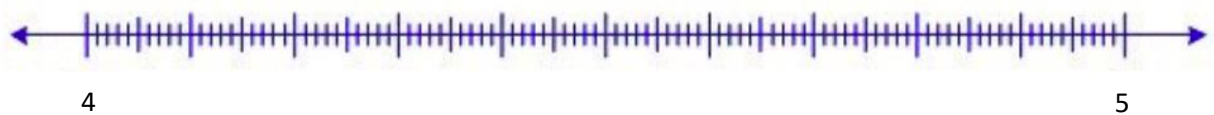
Handout 7.1 Final Assessment

Name: _____ Date: _____

The 2016 Summer Olympics were held in Rio de Janeiro, Brazil. Answer the questions below about the games using what you learned about decimals and fractions during this unit.

1. Sandi Morris from team USA won a silver medal in the women's pole vault by reaching 4.85 meters.

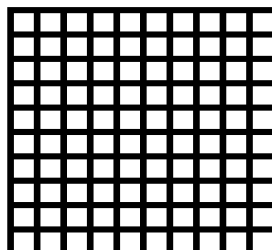
- A. Rewrite 4.85 as fraction. _____
 B. Locate 4.85 on the number line below.



2. Team Germany outscored Team USA by 0.26 on the men's horizontal bar. Write 0.26 as a fraction.

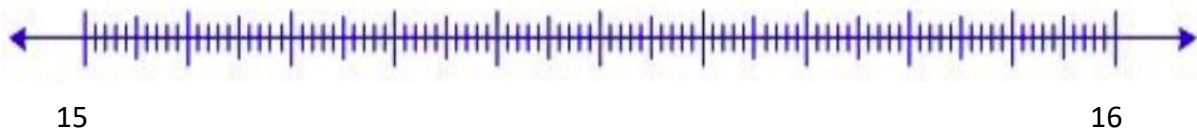
3. Louis from Team Greece won gold when he jumped 8.27 meters during the 2008 Beijing Olympics. Greg from Team Great Britain jumped 8.31 meters during the 2012 London Olympics. Which Olympian jumped the furthest? Write a comparison sentence.

- A. The difference between the two jumps was 0.04. Shade the hundredths grid to represent this distance. Express 0.04 as a fraction on the line below.



4. Alexandra from Team USA scored 15.07 on the women's balance beam. Linlin from Team China received a score of 15.6 and Lu, also from Team China, scored 15.5. All three women received medals. Use the chart below to show their scores as fractions and word form. Then, plot their points on the number line below to determine who won gold, silver, and bronze.

	Decimal Form	Fraction Form	Word Form
Alexandra	15.07		
Linlin	15.6		
Lu	15.5		



5. While practicing his free throws, Kevin Durant of Team USA made 40 out of 100 shots.

- Write the number of shots he made as a fraction with the denominator as 100.
 _____ . Write it as a decimal fraction _____ .
- Write the number of shots he made as a fraction with the denominator as 10.
 _____ . Write it as a decimal fraction _____ .
- Explain the relationship between your answer for A and your answer for B.

For training or questions regarding this unit,
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