Name_____ Date_____ Period_____

LESSON 4-2 · SESSION 2 · PRACTICE · FORM A

Compare and Order

Learning target – I can compare and order values written as fractions, decimals, and percents. · 6.AT.4

REMEMBER

- To compare, write every value in the **same form**. Percents work well.
- Hundredths are the bridge: 0.6 = 0.60 = 60%, not 6%.
- If the denominator does not go into 100, divide: 3 ÷ 8 = 0.375 = 37.5%. **Equal values tie.**

WORKED EXAMPLE

Order 0.7, 3/5, and 65% from least to greatest.

Step 1 0.7 = 0.70 = 70%

Step 2 3/5 = 60/100 = 60%

Step 3 Compare: 60% < 65% < 70%

Answer 3/5, 65%, 0.7

WORDS **common form** *(forma común)* · **benchmark** *(punto de referencia)* · **order** *(orden)*

PRACTICE

show your work · label units

1. Write <, >, or = in each blank.

a. 0.8 ___ 79%

b. 2/5 ___ 0.45

c. 0.7 ___ 7/10

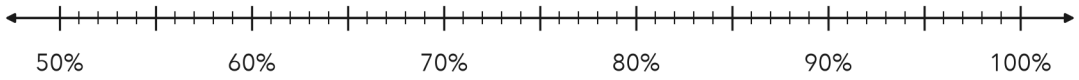
d. 1/4 ___ 0.3

e. 0.05 ___ 50%

f. 3/4 ___ 72%

2. **Field Day Course.** Four teams finished this much of an obstacle course: Red 0.9, Blue 4/5, Green 86%, Gold 7/10.

Hint *Write 4/5 and 7/10 with a denominator of 100.*



a. Write each team's part as a percent. Mark it on the line. _____

b. Order the teams from least finished to most finished. _____

3. **Quiz Scores.** Three quiz scores: 0.76, 18/25, and 79%.

a. All three as percents _____

b. Which score is lowest? _____

Show your work.

4. **Rainfall.** Three months got these parts of the year's rain: 0.12, 3/20, 9%.

Hint *3/20 = 15/100.*

a. All three as percents _____

b. Which share is greatest? _____

Show your work.

5. Ordering Claim. Zoe says 0.4 is less than 39% because 4 is less than 39. Is Zoe right? Explain.

Hint *Write 0.4 as hundredths.*

Show your work.

Zoe is_____

6. Card Collection. In a card set, 0.35 of the cards are heroes, 2/5 are villains, and 25% are sidekicks. Which group is largest?

Hint *Write each part as a percent.*

Show your work.

Largest group_____

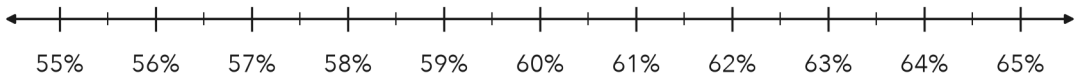
7. Homework Turn-In. Three classes turned in 0.36, 9/25, and 34% of their work.

a. Write each value as a percent. _____

b. Order the values from least to greatest. _____

c. Which two values tie? At what percent? _____

8. Reading Goals. Parts of a book finished: Ana 0.62, Ben 5/8, Cal 61%, Dee 3/5.



a. Write each part as a percent. Mark it on the line. _____

b. Order the students from least to greatest. _____

FIND THE ERROR

explain the mistake, then fix it

9. Owen's Work. Owen ordered 0.55, 61%, and 3/5. He wrote: "3/5 is the smallest because 3 is the smallest number." Explain his mistake. Then order the values correctly.

_____

_____

TEST PRACTICE

choose the best answer

10. Which is greater, 0.9 or 85%?

A 0.9 **B** 85% **C** They are equal. **D** You cannot tell.

11. Which is least: 0.3, 1/4, or 28%?

A 0.3 **B** 28% **C** 1/4 **D** They are equal.

SELF-CHECK CODE

find your answer · copy its letter into that problem's box · spell a math word

40% L	3/20 A	18/25 V	villains U	62.5% S	36% E	58% Q	heroes Z	39% X

#3b	#4b	#5	#6	#7c	#8a

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____