Name_____ Date_____ Period_____

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

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. 0.9 ___ 89%

b. 3/5 ___ 0.65

c. 0.4 ___ 2/5

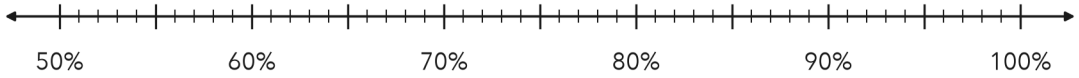
d. 1/5 ___ 0.25

e. 0.07 ___ 70%

f. 4/5 ___ 78%

2. **Charity Walk.** Four teams finished this much of a charity walk: Maple 0.85, Oak 9/10, Pine 83%, Cedar 3/4.

Hint *Write 9/10 and 3/4 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. **Test Scores.** Three test scores: 0.88, 21/25, and 86%.

a. All three as percents _____

b. Which score is lowest? _____

Show your work.

4. **Snowfall.** Three months got these parts of the year's snow: 0.14, 4/25, 11%.

Hint *4/25 = 16/100.*

a. All three as percents _____

b. Which share is greatest? _____

Show your work.

5. Ordering Claim. Malik says 0.3 is less than 29% because 3 is less than 29. Is Malik right? Explain.

Hint *Write 0.3 as hundredths.*

Show your work.

Malik is_____

6. Sticker Book. In a sticker book, 0.45 of the stickers are animals, 3/10 are stars, and 25% are hearts. Which group is largest?

Hint *Write each part as a percent.*

Show your work.

Largest group_____

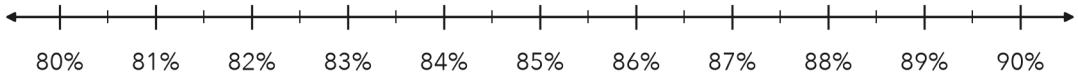
7. Library Returns. Three classes returned 0.48, 12/25, and 46% of their library books.

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: Eli 0.84, Fay 7/8, Gus 86%, Hana 4/5.



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. Nadia's Work. Nadia ordered 0.75, 82%, and 4/5. She wrote: "4/5 is the smallest because 4 is the smallest number." Explain her mistake. Then order the values correctly.

_____

_____

TEST PRACTICE

choose the best answer

10. Which is greater, 0.4 or 38%?

A 0.4 **B** 38% **C** They are equal. **D** You cannot tell.

11. Which is least: 0.53, 1/2, or 51%?

A 0.53 **B** 51% **C** 1/2 **D** They are equal.

SELF-CHECK CODE

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

30% A	3% X	78% Q	animals R	4/25 H	stars Z	48% E	21/25 S	87.5% S

#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 #____