LESSON MAKER PRO

Number Line Detectives

Plot, order, and compare numbers to 10,000.

GRADE 3 · MA.3.NSO.1.3

MA.3.NSO.1.3 "Plot, order and compare whole numbers up to 10,000."

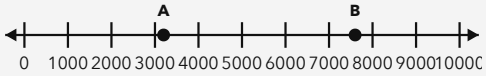
NAME _____ DATE _____

READ THE NUMBER LINE

On a number line, larger whole numbers are farther to the right. To compare numbers, look at the digits from left to right, starting with the thousands place.

WORKED EXAMPLE

Use the number line. Compare A and B with <, >, or =.

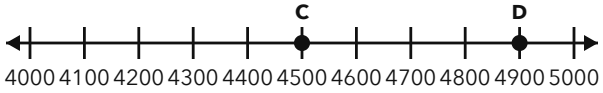


1. Point A is at 3,200.
2. Point B is at 7,600.
3. A is to the left of B, so A is smaller.

Answer: 3,200 < 7,600

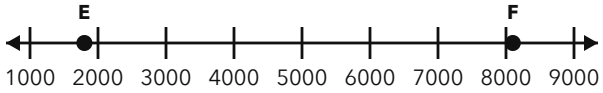
PRACTICE 6 problems

1 Use the number line. Compare C and D with <, >, or =.



ANSWER _____

2 Use the number line. Write points E and F in order from least to greatest.



ANSWER _____

3 Write these numbers in order from least to greatest: 6,407, 6,074, 6,740.

ANSWER _____

4 Compare 9,009 and 9,090 with <, >, or =.

ANSWER _____

5 Circle the greatest number: 2,999, 3,002, 2,920.

ANSWER _____

6 What whole number belongs between 6,999 and 7,001 on a number line?

ANSWER _____

APPLY IT Show your work

1 The game club posted the scores in the table. Who earned the highest score? Then write the scores from least to greatest.

GAME CLUB SCORES

Player	Score
Asha	5,482
Ben	5,824
Luz	5,248

ANSWER _____

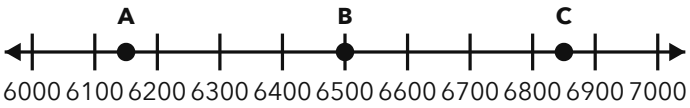
2 Three classes tracked points in a reading challenge. Oak Class earned 9,105 points, Pine Class earned 9,150 points, and Maple Class earned 9,015 points. Write the classes in order from most points to least points.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Use the number line. Plot point D at 6,700. Then write A, B, C, and D in order from greatest to least.



WORK SPACE AND ANSWER

ANSWER KEY

Number Line Detectives

GRADE 3 · MA.3.NSO.1.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Use the number line. Compare C and D with <, >, or =.	**4,500 < 4,900**
2	Use the number line. Write points E and F in order from least to greatest.	**E (1,800), F (8,100)**
3	Write these numbers in order from least to greatest: 6,407, 6,074, 6,740.	**6,074, 6,407, 6,740**
4	Compare 9,009 and 9,090 with <, >, or =.	**9,009 < 9,090**
5	Circle the greatest number: 2,999, 3,002, 2,920.	**3,002**
6	What whole number belongs between 6,999 and 7,001 on a number line?	**7,000**

PART 2 · APPLY IT

1. **Ben earned the highest score. 5,248 < 5,482 < 5,824.** Compare the thousands first, then the hundreds. Ben has 5,824, which is the greatest score.
2. **Pine Class, Oak Class, Maple Class** Compare the numbers from the thousands place to the ones place. 9,150 is greatest, followed by 9,105, then 9,015.

CHALLENGE

C (6,850), D (6,700), B (6,500), A (6,150)

Accept correctly placed point D at 6,700. Accept ordered numbers with or without commas if the values and comparison order are correct.