

Number Line Detectives

Plot, order, and compare numbers to 1,000.

GRADE 2 • MA.2.NSO.1.3

MA.2.NSO.1.3 "Plot, order and compare whole numbers up to 1,000."

NAME _____

DATE _____

COMPARE ON A NUMBER LINE

On a number line, numbers farther right are greater. For numbers below 1,000, compare hundreds first, then tens, then ones. The number 1,000 is greater than every three-digit whole number. Use $<$, $>$ or $=$ to compare.

WORKED EXAMPLE

Use the number line. Which point shows the greater number, A or B?



1. Point A is at 350.
2. Point B is at 450.
3. Point B is farther right.
4. 450 is greater than 350.

Answer: B, 450

PRACTICE 4 problems

- 1** Three toy bins hold 128, 182, and 218 blocks. Write the numbers least to greatest.

ANSWER _____

- 2** A pet shop has 607 fish food cans. Another shelf has 670 cans. Write $<$, $>$, or $=$. 607 ____ 670

ANSWER _____

- 3** Nia has 394 stickers. Which number is greater, 394 or 349?

ANSWER _____

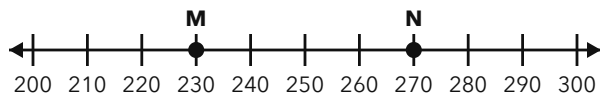
- 4** Three game scores are 990, 1,000 and 999. Write them greatest to least.

ANSWER _____

APPLY IT

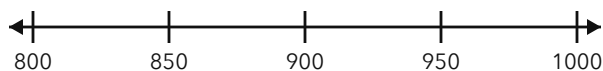
Show your work

- 1** Maya and Noor count books. The number line shows their totals. Who has more books?



ANSWER _____

- 2** At an arcade, Leo earned 1,000 tickets. Plot a point labeled L at 1,000 on the number line.

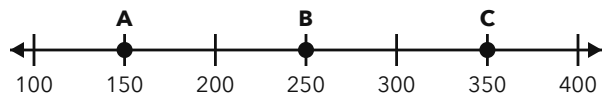


ANSWER _____

CHALLENGE

One step up

A, B, and C label three toy boxes. List the boxes from least to greatest. Then circle the number between B and C: 200, 300, 400.



WORK SPACE AND ANSWER

PRACTICE 1

Three toy bins hold 128, 182, and 218 blocks.
Write the numbers least to greatest.

128, 182, 218

PRACTICE 2

A pet shop has 607 fish food cans. Another shelf has 670 cans. Write $<$, $>$, or $=$. 607 ____ 670

$<$

PRACTICE 3

Nia has 394 stickers. Which number is greater, 394 or 349?

394

PRACTICE 4

Three game scores are 990, 1,000 and 999. Write them greatest to least.

1,000, 999, 990

APPLY IT 1

Noor

Point N is farther right than point M. Noor has more books.

CHALLENGE

A, B, C; 300

Accept ordered lists with commas or spaces.
Check that L is on the 1,000 tick. One thousand comes before 999 when ordering greatest to least; for 999 and 990, compare their ones digits.

APPLY IT 2

Point L at 1,000

Find the 1,000 tick at the right end and place point L on it.

