

Number Line Detectives

Compare, order, and plot 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 _____

CHECK EACH PLACE

To compare numbers, check the hundreds first. If the hundreds match, check the tens, then the ones. On a number line, numbers farther right are greater.

WORKED EXAMPLE

Two toy boxes hold 462 and 426 blocks. Which number is greater?

1. Both numbers have 4 hundreds.
2. Compare the tens: 6 tens is more than 2 tens.
3. 462 is greater than 426.

Answer: $462 > 426$

PRACTICE 5 problems

- 1** A toy shelf has 318 cars. Another shelf has 381 cars. Write $<$, $>$, or $=$.
318 ____ 381

ANSWER _____

- 2** Three pet shops have 705, 750, and 570 fish. Write the numbers from least to greatest.

ANSWER _____

- 3** A bead box holds 630 beads. Plot 630 by circling its tick on this number line: 600, 610, 620, 630, 640

ANSWER _____

- 4** One sticker book has 999 stickers. Another has 1,000 stickers. Write $<$, $>$, or $=$. 999 ____ 1,000

ANSWER _____

- 5** Three game scores are 104, 140, and 401. Write the scores from greatest to least.

ANSWER _____

APPLY IT Show your work

1 Jada has 856 shells. Kai has 865 shells. Who has more shells?

WORK SPACE

ANSWER _____

2 A robot earns 940 points in a game. Plot 940 by circling its tick on this number line:
900, 910, 920, 930, 940, 950

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Four puppy tags have these numbers: 672, 627, 762, and 726. Write them from least to greatest. Then tell how you knew which number came first.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy shelf has 318 cars. Another shelf has 381 cars. Write $<$, $>$, or $=$. 318 ____ 381	318 < 381
2	Three pet shops have 705, 750, and 570 fish. Write the numbers from least to greatest.	570, 705, 750
3	A bead box holds 630 beads. Plot 630 by circling its tick on this number line: 600, 610, 620, 630, 640	Circle 630.
4	One sticker book has 999 stickers. Another has 1,000 stickers. Write $<$, $>$, or $=$. 999 ____ 1,000	999 < 1,000
5	Three game scores are 104, 140, and 401. Write the scores from greatest to least.	401, 140, 104

PART 2 • APPLY IT

1. **Kai has more shells.** Both numbers have 8 hundreds. Kai has 6 tens, and Jada has 5 tens, so 865 is greater than 856.
2. **Circle 940.** Find the tick labeled 940. Circle that tick.

CHALLENGE

627, 672, 726, 762. 627 came first because it has 6 hundreds, and its 2 tens are fewer than the 7 tens in 672.

Accept comparison symbols or matching words such as less than and greater than. For plotted numbers, accept a clearly circled or marked correct tick.