



2.5 Order Numbers on an Open Number Line



Essential Question

How can you order numbers using a number line?

Explore



Draw lines to show where the numbers belong on the number line.

48

23

57



Math Talk



Mathematical Processes

Now Mikka wants to place 55 on the number line. Between which two numbers does 55 belong?

Explain.

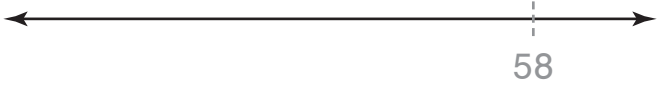


FOR THE TEACHER • Read the following problem. Mikka wants to place these three numbers on the number line. Where do the numbers belong?

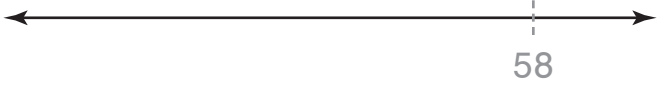
Model and Draw

58 46 51

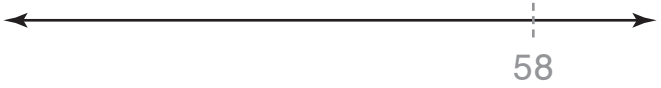
Start with the number 58.
Trace it on the number line.



Then place another number in order.



Then place the last number in order.



Use place value. Write the numbers in order.

THINK
Compare the tens.
Then compare the ones.

_____ _____
least **greatest**

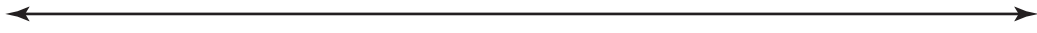
_____ _____
greatest least

Share and Show



Use place value and the number line to order numbers.
Then write the numbers in order.

62 79 59



_____ _____ _____
greatest least

Problem Solving

Use place value and the number line to order numbers.
Then write the numbers in order.

2. 80 115 91



least

greatest

Solve. Write or draw to explain.

3. **H.O.T.** Ava saved 105 cans. Martin saved 96 cans, Brandon saved 111 cans, and Shellie saved 92. Write the numbers of cans saved in order from least to greatest



least

greatest

4. **H.O.T. Multi-Step** The vet places dogs in order by their tag numbers. The brown dog is tag number 120, the black dog is 109, and the white dog is 119. Write the colors of the dogs in tag number order from greatest to least.



greatest

least

**Daily Assessment Task**

Choose the correct answer.

5. **Multi-Step** Drew, Matt, and Bradley play football. Their numbers are 15, 12, and 23. Which shows the numbers in order from greatest to least?


- 23, 12, 15
- 12, 23, 15
- 23, 15, 12

6. Which shows numbers in order from least to greatest?

- 31, 47, 39
- 29, 44, 49
- 59, 19, 32

7. **Apply** Which shows numbers in order from greatest to least?

- 54, 76, 18
- 113, 102, 29
- 36, 119, 63

8.  **TEXAS Test Prep** Use place value. Which shows the numbers in order from least to greatest?

- 19 22 9
- 69 32 49
- 71 88 103



TAKE HOME ACTIVITY • Give your child the numbers 48, 57, and 102. Have your child use a number line to order the numbers from least to greatest.



Name _____

2.5 Order Numbers on an Open Number Line

Use place value and the number line to order numbers. Then write the numbers in order.

1. **24** **13** **55**

←—————→

_____ _____ _____
greatest least

2. **112** **93** **104**

←—————→

_____ _____ _____
least greatest

3. **42** **33** **64**

←—————→

_____ _____ _____
greatest least

Problem Solving



Write or draw to explain.

4. Tony saved 63 pennies. Jill saved 103 pennies and Ed saved 33 pennies. Write the number of pennies saved in order from least to greatest.

_____ _____ _____
least greatest

Choose the correct answer.

5. Lily got scores of 92, 84, and 100. Which shows the numbers in order from greatest to least?

100, 92, 84 | 84, 100, 92 | 100, 84, 92

6. Rabbit ate 14 carrots. Robin ate 21 worms. Bear ate 13 fish. Which shows the numbers in order from least to greatest?



14, 21, 13 | 21, 14, 13 | 13, 14, 21

7. Which shows the numbers in order from greatest to least?

107, 55, 83 | 94, 93, 10 | 59, 14, 102

8. Which shows the numbers in order from least to greatest?

16, 49, 99 | 86, 54, 42 | 37, 68, 50

Name _____



Module 2 Assessment

Vocabulary

Circle the number that **is greater than** 78. (p. 64)

Underline the number that **is less than** 78. (p. 70)

1. 93 39

Concepts and Skills

Write $<$, $>$, or $=$. TEKS 1.2.G, 1.2.E

2. $38 \bigcirc 50$

3. $19 \bigcirc 52$

4. $35 \bigcirc 35$

5. $100 \bigcirc 99$

6. $44 \bigcirc 43$

7. $26 \bigcirc 62$

Circle the greater number. Write the numbers. TEKS 1.2.G, 1.2.E

8. 38 83

_____ is greater than _____.

_____ $>$ _____

9. Circle is greater than or is less than.


Write a number to compare. TEKS 1.2.D, 1.2.E

102

is greater than _____

is less than _____

Choose the correct answer.

10. Marla named a number less than 105.
Which of these may be that number?  TEKS 1.2.E

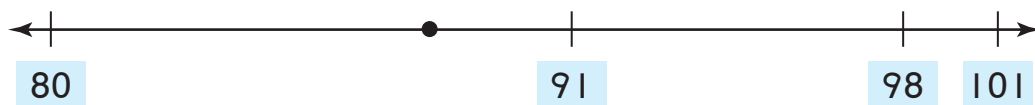
- 93
- 108
- 115

11. Which symbol is needed?  TEKS 1.2.G

98 ○ 98

- <
- >
- =

12. Which number could belong at the dot?  TEKS 1.2.F, 1.2.E



- 98
- 88
- 78

13. Cami chooses a number greater than 64.
Which shows a number she may choose?  TEKS 1.2.E

- 64
- 58
- 72