



TIMO practice: Which number is the k-th largest (with solutions)

8 problems · Grade 1, 2 · answers and solutions at the end

Name _____

Date _____



Practise this type in the Karotto app, with questions read aloud and hints when stuck. Scan the code or visit playkarotto.com

Grade 1

- 1 Put the numbers 28, 74, 51, 82 in order from biggest to smallest. Which number is in place 2?

28 74 51 82

Answer: _____

- 2 Put the numbers 97, 42, 91, 24, 68 in order from biggest to smallest. Which number is in place 3?

97 42 91 24 68

Answer: _____

- 3 Put the numbers 65, 63, 56, 68 in order from smallest to biggest. Which number is in place 2?

65 63 56 68

Answer: _____

- 4 Put the numbers 28, 71, 52, 25 in order from smallest to biggest. Which number is in place 2?

28 71 52 25

Answer: _____

Grade 2

- 5 Which is the biggest of the numbers 183, 813, 318, 138, 381?

183 813 318 138 381

Answer: _____

6 How many of the sums below equal 12?

$$30 - 20$$

$$6 + 3$$

$$13 + 2$$

$$19 - 5$$

$$7 + 5$$

Answer: _____

7 Put the numbers 518, 158, 815, 581 in order from biggest to smallest. Which number is in place 3?

518

158

815

581

Answer: _____

8 Put the numbers 748, 487, 847, 874 in order from smallest to biggest. Which number is in place 3?

748

487

847

874

Answer: _____

Answers and solutions: Which number is the k-th largest

1. Answer: 74 · Grade 1

How to think: Compare the first digits first. If the first digits are the same, compare the next digits.

Solution: From biggest to smallest: 82, 74, 51, 28. The number in place 2 is 74.

2. Answer: 68 · Grade 1

How to think: Compare the first digits first. If the first digits are the same, compare the next digits.

Solution: From biggest to smallest: 97, 91, 68, 42, 24. The number in place 3 is 68.

3. Answer: 63 · Grade 1

How to think: Compare the first digits first. If the first digits are the same, compare the next digits.

Solution: From smallest to biggest: 56, 63, 65, 68. The number in place 2 is 63.

4. Answer: 28 · Grade 1

How to think: Compare the first digits first. If the first digits are the same, compare the next digits.

Solution: From smallest to biggest: 25, 28, 52, 71. The number in place 2 is 28.

5. Answer: 813 · Grade 2

How to think: Compare the first digits first. If the first digits are the same, compare the next digits.

Solution: From biggest to smallest: 813, 381, 318, 183, 138. The number in place 1 is 813.

6. Answer: 1 · Grade 2

How to think: Work out each one, then compare the answer with 12.

Solution: The answers are 10, 9, 15, 14, 12. 1 of them equal 12.

7. Answer: 518 · Grade 2

How to think: Compare the first digits first. If the first digits are the same, compare the next digits.

Solution: From biggest to smallest: 815, 581, 518, 158. The number in place 3 is 518.

8. Answer: 847 · Grade 2

How to think: Compare the first digits first. If the first digits are the same, compare the next digits.

Solution: From smallest to biggest: 487, 748, 847, 874. The number in place 3 is 847.
