



# TIMO practice: Making numbers from digits (with solutions)

12 problems · Grade 1, 2, 3 · 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](https://playkarotto.com)

## Grade 1

- 1 Use the digits 8, 5, 6, each one at most once. What is the biggest number with 2 digits you can make?

**8 5 6**

Answer: \_\_\_\_\_

- 2 Use the digits 8, 5, 4, each one at most once. What is the biggest number with 2 digits you can make?

**8 5 4**

Answer: \_\_\_\_\_

- 3 Use the digits 8, 2, 9, each one at most once. What is the biggest number with 2 digits you can make?

**8 2 9**

Answer: \_\_\_\_\_

- 4 Use the digits 6, 1, 2, each one at most once. What is the biggest number with 2 digits you can make?

**6 1 2**

Answer: \_\_\_\_\_

## Grade 2

- 5 Use the digits 8, 0, 9, 7, each one at most once. What is the smallest number with 2 digits you can make?

**8 0 9 7**

Answer: \_\_\_\_\_

- 6 Use the digits 3, 9, 4, 2, each one at most once. What is the biggest number with 3 digits you can make?

**3 9 4 2**

Answer: \_\_\_\_\_

- 7 Use the digits 4, 9, 0, 7, each one at most once. What is the smallest number with 2 digits you can make?

**4 9 0 7**

Answer: \_\_\_\_\_

- 8 Use the digits 9, 1, 7, 5, each one at most once. What is the smallest number with 3 digits you can make?

**9 1 7 5**

Answer: \_\_\_\_\_

### Grade 3

- 9 Use the digits 7, 6, 8, 5, each one at most once. What is the smallest number with 2 digits you can make?

**7 6 8 5**

Answer: \_\_\_\_\_

- 10 Use the digits 1, 7, 0, 8, each one at most once. What is the biggest number with 3 digits you can make?

**1 7 0 8**

Answer: \_\_\_\_\_

- 11 Use the digits 1, 0, 2, 5, each one at most once. What is the biggest number with 3 digits you can make?

**1 0 2 5**

Answer: \_\_\_\_\_

- 12 Use the digits 0, 4, 1, 9, each one at most once. What is the smallest number with 3 digits you can make?

**0 4 1 9**

Answer: \_\_\_\_\_

## Answers and solutions: Making numbers from digits

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### 1. Answer: 86 · Grade 1

How to think: Put the biggest digit first.

Solution: Pick the biggest digits and put them from biggest to smallest: you get 86.

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### 2. Answer: 85 · Grade 1

How to think: Put the biggest digit first.

Solution: Pick the biggest digits and put them from biggest to smallest: you get 85.

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### 3. Answer: 98 · Grade 1

How to think: Put the biggest digit first.

Solution: Pick the biggest digits and put them from biggest to smallest: you get 98.

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### 4. Answer: 62 · Grade 1

How to think: Put the biggest digit first.

Solution: Pick the biggest digits and put them from biggest to smallest: you get 62.

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### 5. Answer: 70 · Grade 2

How to think: Put the smallest digit first, but it can't be 0.

Solution: The first digit is 7, then the other digits go from smallest to biggest: you get 70.

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### 6. Answer: 943 · Grade 2

How to think: Put the biggest digit first.

Solution: Pick the biggest digits and put them from biggest to smallest: you get 943.

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### 7. Answer: 40 · Grade 2

How to think: Put the smallest digit first, but it can't be 0.

Solution: The first digit is 4, then the other digits go from smallest to biggest: you get 40.

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### 8. Answer: 157 · Grade 2

How to think: Put the smallest digit first, but it can't be 0.

Solution: The first digit is 1, then the other digits go from smallest to biggest: you get 157.

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### 9. Answer: 56 · Grade 3

How to think: Put the smallest digit first, but it can't be 0.

Solution: The first digit is 5, then the other digits go from smallest to biggest: you get 56.

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### 10. Answer: 871 · Grade 3

How to think: Put the biggest digit first.

Solution: Pick the biggest digits and put them from biggest to smallest: you get 871.

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### 11. Answer: 521 · Grade 3

How to think: Put the biggest digit first.

Solution: Pick the biggest digits and put them from biggest to smallest: you get 521.

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### 12. Answer: 104 · Grade 3

How to think: Put the smallest digit first, but it can't be 0.

Solution: The first digit is 1, then the other digits go from smallest to biggest: you get 104.

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