Grade 2 Mathematics: Number

Free sample lesson

Ontario curriculum: Mathematics (2020), Strand B. 18 days.

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This is Lesson 1 of 14 from the full unit, exactly as it appears in the Teacher Guide, followed by the student worksheet. The full unit is at unitplans.ca.

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Lesson 1: Read and show to 200

1 day · about 40 minutes · B1.1

> **Learning goal**
>
> - We are learning to read numbers to 200 and show them with blocks.

> **Success criteria**
>
> - I can read a number up to 200.
> - I can show a number with blocks.
> - I can tell where numbers are used.

Materials

- Base-ten blocks
- Place-value mats
- Number cards 100 to 200
- Hundred chart

What students do with their hands

Students build numbers with base-ten blocks, trade ten ones for a rod, and match the blocks to a number card.

Minds On (8 min)

1. Show 134 with blocks. Ask: "What number do you see?"
2. Talk about places we see big numbers: pages, prices, house numbers.

Action (22 min)

1. Build a number with 1 flat, rods and cubes. Say each part.

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2. Partners build a number card and read it to each other.
3. Complete the worksheet, using blocks when needed.

Consolidation (10 min)

1. Show blocks on the board. The class reads the number.
2. Exit: "What number is 1 flat, 3 rods and 4 cubes?"

Questions to ask

- How did you know it is more than 100?
- What does the 3 in 134 tell us?

Watch for

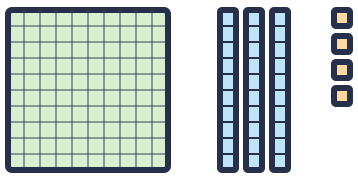
- Some students write 1004 for 104. Use a place-value mat with an empty tens column.

Differentiation

Support	Extend
Stay within 100 to 130 and use blocks for every number.	Build the same number two different ways with rods and cubes.

Answer key: Read and show

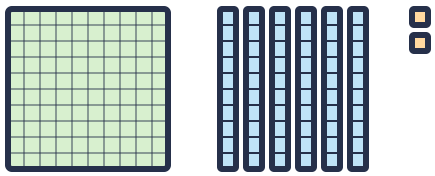
1. What number is shown?



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> **Answer:** 134

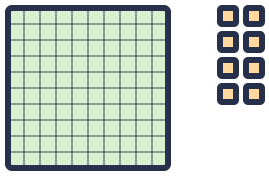
2. What number is shown?



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Answer: 162

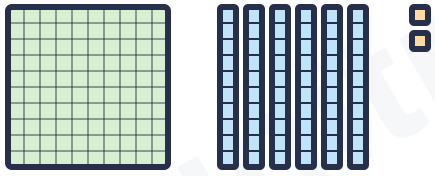
3. What number is shown?



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Answer: 108

4. How many tens rods?



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Answer: 6

5. What number is missing?

151	152	153	154	155	156		158	159	160

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Answer: 157

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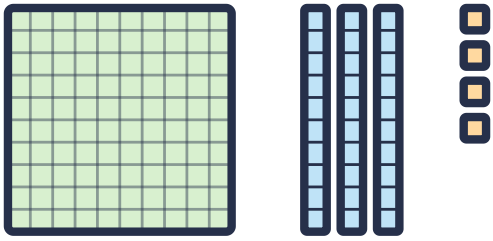
Student worksheet: Read and show

Success criteria

- I can read a number up to 200.
- I can show a number with blocks.
- I can tell where numbers are used.

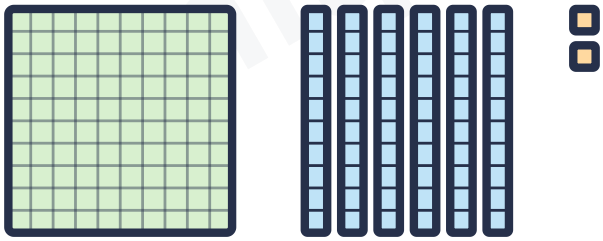
Look at the blocks. Write the number.

1 **What number is shown?**



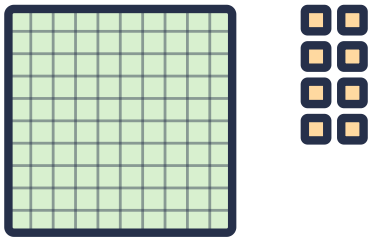
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2 **What number is shown?**



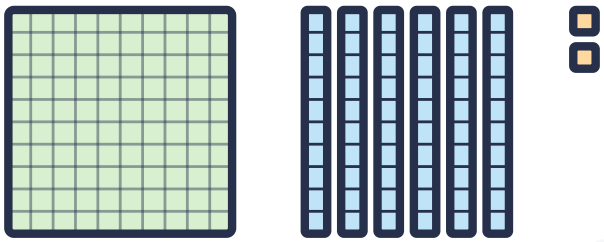
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3 What number is shown?



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4 How many tens rods?



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5 What number is missing?

151	152	153	154	155	156		158	159	160

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