

# Grade 4 · Rounding Multi-Digit Numbers · Test

Common Core 4.NBT.A.3 · mathovore.fr

Name: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Score: \_\_\_\_\_

This test has 9 questions worth 20 points in total and covers rounding whole numbers to any place up to 1,000,000 (4.NBT.A.3). Work alone, show your steps, and write each answer as a numeral. No calculator is allowed.

## Test information

- **Grade:** Grade 4
- **Chapter:** Rounding Multi-Digit Numbers
- **Common Core:** 4.NBT.A.3
- **Time:** 45 minutes
- **Total:** 20 points (Question 1: 2 pts; Question 2: 2 pts; Question 3: 2 pts; Question 4: 2 pts; Question 5: 2 pts; Question 6: 2 pts; Question 7: 3 pts; Question 8: 3 pts; Question 9: 2 pts)

## Question 1: Nearest ten (2 points)

- Round 568 to the nearest ten. (1 point)
- Round 2,995 to the nearest ten. (1 point)

## Question 2: Nearest hundred (2 points)

- Round 7,449 to the nearest hundred. (1 point)
- Round 18,650 to the nearest hundred. (1 point)

## Question 3: Nearest thousand (2 points)

- Round 52,499 to the nearest thousand. (1 point)
- Round 346,500 to the nearest thousand. (1 point)

## Question 4: Larger places (2 points)

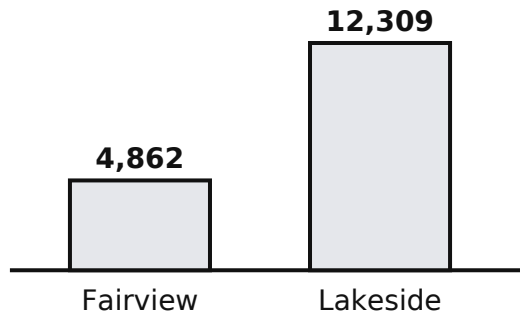
| Thousands period  |               |           | Ones period |      |      |
|-------------------|---------------|-----------|-------------|------|------|
| Hundred Thousands | Ten Thousands | Thousands | Hundreds    | Tens | Ones |
| 4                 | 6             | 8         | 2           | 0    | 0    |

Place-value chart for 468,200.

- a. Round 84,613 to the nearest ten thousand. (1 point)
- b. Round 468,200 to the nearest hundred thousand. (1 point)

### Question 5: Town populations (2 points)

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Populations of two towns.

- a. Round the population of Fairview to the nearest thousand. (1 point)
- b. Round the population of Lakeside to the nearest thousand. (1 point)

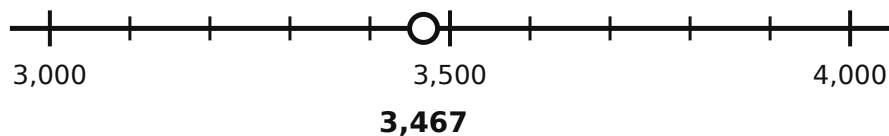
### Question 6: Which round to 600 (2 points)

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Circle every number that rounds to 600 when rounded to the nearest hundred: 549, 550, 610, 649, 650.

### Question 7: Point on a number line (3 points)

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Number line from 3,000 to 4,000 with a point P at 3,467.

Point P is at 3,467.

- a. Round 3,467 to the nearest thousand. (1 point)
- b. Round 3,467 to the nearest hundred. (1 point)
- c. Round 3,467 to the nearest ten. (1 point)

### Question 8: Find the error (3 points)

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Ethan rounded 6,950 to the nearest hundred and wrote 6,900.

- a. Is his answer correct? Write yes or no and give the correct answer. (1 point)
- b. Explain his mistake. (1 point)
- c. What is the least whole number that rounds to 7,000 when rounded to the nearest thousand? (1 point)

### Question 9: Concert attendance (2 points)

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**Rivertown Concert**  
Attendance: 18,462

Attendance at a concert.

The newspaper reports the attendance to the nearest thousand. The radio station reports it to the nearest hundred.

- a. Write the number the newspaper reports. (1 point)
- b. Write the number the radio station reports. (1 point)