

Grade 4 - Rounding Whole Numbers - Test

Common Core 4.NBT.A.3 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This 20-point test checks rounding of whole numbers and estimation (Common Core 4.NBT.A.3). Work alone, show your steps, and write each answer clearly. You have 40 minutes.

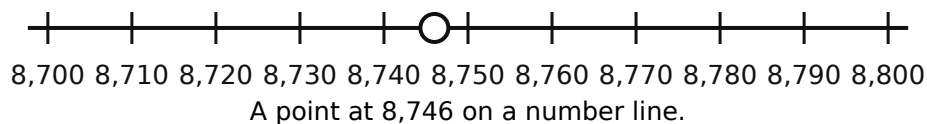
About this test

- Grade: Grade 4
- Chapter: Rounding Whole Numbers
- Standards: 4.NBT.A.3
- Time: 40 minutes
- Total: 20 points

Question 1 - Round to the place [2 pts]

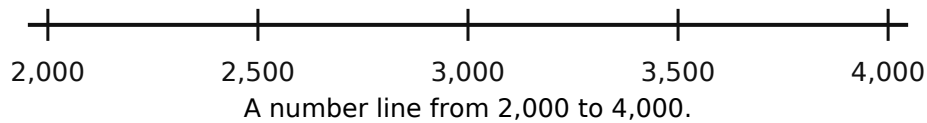
- Round 472 to the nearest ten. (0.5 point)
- Round 6,849 to the nearest hundred. (0.5 point)
- Round 53,096 to the nearest thousand. (0.5 point)
- Round 285,400 to the nearest hundred thousand. (0.5 point)

Question 2 - Read the number line [2 pts]



- Round 8,746 to the nearest ten. (1 point)
- Round 8,746 to the nearest hundred. (1 point)

Question 3 - Range of numbers [2 pts]



Find the smallest and the greatest whole numbers that round to 3,000 when rounded to the nearest thousand.

Question 4 - Estimate [2 pts]

- Estimate $6,348 + 2,719$ by rounding to the nearest thousand. (1 point)
- Estimate $73,462 - 28,905$ by rounding to the nearest ten thousand. (1 point)

Question 5 - One number, three places [2 pts]

Round 416,573 to the nearest ten thousand, the nearest thousand, and the nearest hundred.

Question 6 - Attendance [2 pts]

The newspaper says that about 12,000 people came to the county fair. The number was rounded to the nearest thousand. Could the exact attendance have been 11,499? Could it have been 12,500? Explain each answer.

Question 7 - Concert tickets [3 pts]

Sat.

14,628

Sun.

9,375

Tickets sold on Saturday and Sunday.

- Round each day's tickets to the nearest thousand. (1 point)
- Estimate the total tickets sold on both days. (1 point)
- Estimate how many more tickets were sold on Saturday than on Sunday. (1 point)

Question 8 - Find the mistake [3 pts]

Sofia rounded 7,396 to the nearest hundred and wrote 7,300.

- a. Write the correct rounded number. (1 point)
- b. Explain her mistake. (1 point)
- c. Round 7,396 to the nearest thousand. (1 point)

Question 9 - Is it reasonable? [2 pts]

Ethan adds $3,874 + 4,129$ and gets 7,003. Use rounding to the nearest thousand to decide whether his answer is reasonable. Then find the correct sum.