

# Grade 3 · Rounding to the Nearest 10 and 100 · Test

Common Core 3.NBT.A.1 · mathovore.fr

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

This test has 9 questions worth 20 points. It checks rounding to the nearest 10 and 100 for standard 3.NBT.A.1. Show your work, write full sentences for explanations, and plan about 45 minutes.

## Test information

- **Grade:** Grade 3
- **Chapter:** Rounding to the Nearest 10 and 100
- **Common Core:** 3.NBT.A.1
- **Time:** 45 minutes
- **Total:** 20 points (Question 1: 3 pts; Question 2: 3 pts; Question 3: 2 pts; Question 4: 2 pts; Question 5: 2 pts; Question 6: 2 pts; Question 7: 2 pts; Question 8: 2 pts; Question 9: 2 pts)

## Question 1: Nearest 10 (3 points)

Round each number to the nearest 10.

- a. 47 (1 point)
- b. 135 (1 point)
- c. 598 (1 point)

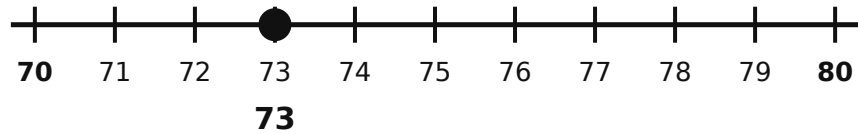
## Question 2: Nearest 100 (3 points)

Round each number to the nearest 100.

- a. 214 (1 point)
- b. 650 (1 point)
- c. 972 (1 point)

## Question 3: Number line check (2 points)

Priya plots 73 on the number line.



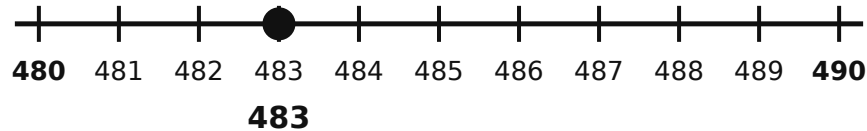
A number line from 70 to 80 with a point at 73.

- a. Round 73 to the nearest 10. (1 point)
- b. Is 75 closer to 70 or 80? Explain. (1 point)

#### Question 4: One number, two roundings (2 points)

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Look at the number line for 483.



A number line from 480 to 490 with a point at 483.

- a. Round 483 to the nearest 10. (1 point)
- b. Round 483 to the nearest 100. (1 point)

#### Question 5: Cards that round to 500 (2 points)

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Five number cards are shown. Write the numbers that round to 500 when rounded to the nearest 100.



Five number cards.

#### Question 6: Estimate and check (2 points)

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Aisha adds  $62 + 29$ .

- a. Estimate the sum by rounding each number to the nearest 10. (1 point)
- b. Find the exact sum. How far is the estimate from the exact sum? (1 point)

### Question 7: Numbers that round to 70 (2 points)

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What are the smallest and the greatest whole numbers that round to 70 when rounded to the nearest 10?

### Question 8: Weekend drive (2 points)

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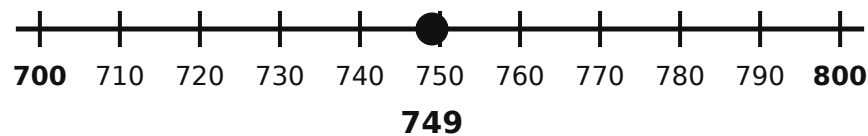
Diego's family drove 178 miles on Saturday and 226 miles on Sunday.

- Round each distance to the nearest 100 miles and estimate the total. (1 point)
- Find the exact total. How far is the estimate from it? (1 point)

### Question 9: Find the mistake (2 points)

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Mei rounds 749 to the nearest 100 and writes 800.



A number line from 700 to 800 with a point at 749.

Explain her mistake and give the correct answer.