

Grade 4 - Rounding Whole Numbers - Quiz

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

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

Choose the best answer for each of the 10 questions about rounding. Read each question carefully, then check the explanation to learn from any mistake.

Grade 4 · Common Core State Standards: **4.NBT.A.3**

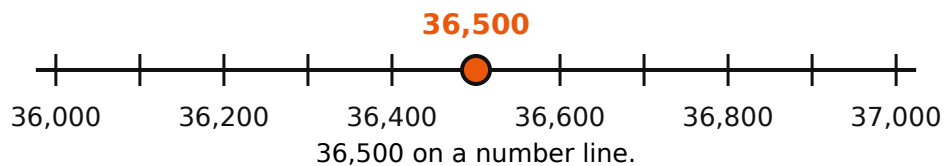
Questions

Question 1

What is 5,748 rounded to the nearest hundred?

- A. 5,800
- B. 5,750
- C. 5,700
- D. 6,000

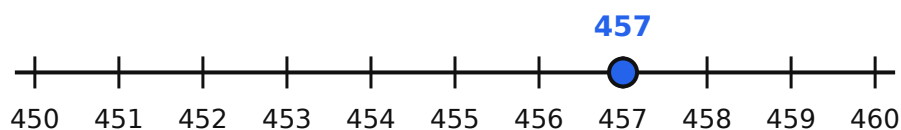
Question 2



What is 36,500 rounded to the nearest thousand?

- A. 37,000
- B. 36,000
- C. 40,000
- D. 36,500

Question 3



Point at 457.

Which is 457 rounded to the nearest ten?

- A. 460
- B. 450
- C. 500
- D. 457

Question 4

What is 9,972 rounded to the nearest hundred?

- A. 9,900
- B. 10,000
- C. 9,970
- D. 9,000

Question 5

What is 284,615 rounded to the nearest ten thousand?

- A. 280,000
- B. 290,000
- C. 285,000
- D. 300,000

Question 6

Which number rounds to 600 when rounded to the nearest hundred?

- A. 651
- B. 649
- C. 549
- D. 750

Question 7

ounded	6,000	3,000
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Rounded values.

Maya rounded 5,823 and 3,140 to the nearest thousand to estimate $5,823 + 3,140$. What is her estimate?

- A. 8,000

- B. 8,963
- C. 10,000
- D. 9,000

Question 8

Estimate $48,720 - 21,390$ by rounding each number to the nearest ten thousand.

- A. 20,000
- B. 30,000
- C. 27,000
- D. 40,000

Question 9

A report says 23,000 people live in a town (rounded to the nearest thousand). Which could be the exact population?

- A. 23,500
- B. 22,400
- C. 22,600
- D. 23,600

Question 10

Diego says 2,450 rounded to the nearest hundred is 2,400. Which statement is correct?

- A. It rounds to 2,400 because 4 is even.
- B. It rounds to 2,000 because 2 is first.
- C. It rounds to 3,000 because 45 is large.
- D. It rounds to 2,500 because the digit to the right is 5.

Answers

1. **C** – The digit to the right of the hundreds place is 4, so keep 7 hundreds. Rounding up to 5,800 is a common mistake.
2. **A** – A number halfway between two thousands rounds up. 36,500 is halfway between 36,000 and 37,000, so it rounds to 37,000.
3. **A** – 457 is 3 away from 460 and 7 away from 450, so it rounds to 460.
4. **B** – The hundreds digit 9 is followed by 7, so round up. 99 hundreds plus 1 hundred is 100 hundreds, which is 10,000.
5. **A** – The ten thousands digit is 8 and the digit to its right is 4, so keep the 8. Rounding up gives 290,000, which is a common mistake.
6. **B** – Numbers from 550 to 649 round to 600. 649 rounds down to 600. 651 rounds to 700, 549 rounds to 500, and 750 rounds to 800.
7. **D** – 5,823 rounds to 6,000 and 3,140 rounds to 3,000, so the estimate is 9,000. The exact sum 8,963 is not an estimate.
8. **B** – 48,720 rounds to 50,000 and 21,390 rounds to 20,000. Then 50,000 minus 20,000 is 30,000.
9. **C** – Numbers from 22,500 to 23,499 round to 23,000. Only 22,600 is in that range.
10. **D** – The digit to the right of the hundreds place is 5, so the hundreds digit goes up: 2,450 rounds to 2,500.

Remember

- To round, look at the digit to the right of the place you want.
- Digits 5, 6, 7, 8, and 9 round up. Digits 0, 1, 2, 3, and 4 round down.
- A number exactly halfway between two multiples rounds up: 2,500 rounds to 3,000.
- A 9 can carry: 9,960 rounds to 10,000 at the nearest hundred.
- To estimate, round every number to the same place, then add or subtract.