

4th grade Unit 1 Study Guide

1. MCC4.NBT.1 (DOK 2)

Look at the number

38,583

How does the value of the underlined 8 compare to the value of the other 8?

- A.** The 8 in the tens place is 10 times greater than the 8 in the thousands place.
- B.** The 8 in the thousands place is 10 times greater than the 8 in the tens place.
- C.** The 8 in the tens place is 100 times greater than the 8 in the thousands place.
- D.** The 8 in the thousands place is 100 times greater than the 8 in the tens place.

2. MCC4.NBT.1 (DOK 2)

Consider the numbers 934,825 and 943,825.

In which number does the 3 have the greatest value? Explain your thinking.

3. MCC4.NBT.2 (DOK 1)

Write the following number in expanded form.

9,205,673

4. MCC4.NBT.2 (DOK 2)

Look at the following number.

102,167

To make a new number, the digit in the thousands place was changed to 0, the digit in the ten thousands place was changed to 9 and the digit in the tens place was changed to 9?

Is the new number $>$, $<$ or $=$ the original number?

5. MCC4.NBT.2 (DOK 2)

Compare the following

A.) $200,000 + 80,000 + 1,000 + 700 + 70 + 9$

B.) Two hundred eighty thousand seven hundred and ninety-nine

Which of the following statements is true?

A. A is greater than B.

B. B is greater than A.

C. A is less than B.

D. A is equal to B.

6. MCC4.NBT.2 (DOK 3)

Look at the number.

94,575

Calculate the difference between the value of 9 and the value of the underlined 5.
Explain your answer.

7. MCC4.NBT.3 (DOK 2)

What number below rounds to 68,000 when it is rounded to the nearest thousand and rounds to 68,500 when rounded to the nearest hundred?

A. 68,390

B. 68,460

C. 68,540

D. 68,850

8. MCC4.NBT.3 (DOK 2)

The Tokyo Skytree Tower in Tokyo, Japan is 2,080 feet tall.

The Eiffel Tower in Paris, France is 1,017 feet shorter than the Tokyo Skytree.

To the nearest hundred feet, what is the total height of both towers?

9. MCC4.NBT.3 (DOK 3)

Manning was asked to round 72,318 to the nearest thousand? The answer he gave was 73,000. Was he correct? Why or why not?

10. MCC4.NBT.4 (DOK 2)

Compare the following

A.) $298,672 + 4,673$

B.) $303,345 - 298,672$

Which of the following statements is true?

A. A is less than B.

B. B is greater than A.

C. A is equivalent to B.

D. B is inversely related to A.

11. MCC4.NBT.4 (DOK 2)

Calculate the following and round to the nearest hundred.

What is 6,592 greater than 17,572?

A. 24,100

B. 24,200

C. 24,150

D. 24,250

12. MCC4.NBT.4 (DOK 2)

Use the set of numbers to answer the question.

7 8 3 6

What is the sum of the smallest and largest numbers that can be formed from the numbers above?

13. MCC4.OA.3 (DOK 3)

Martin wants to purchase a car which costs \$32,460. He will get a discount for \$1,250. However, he must also pay \$1,623 in taxes.

How much more will he pay for the car after taxes? Explain the steps you used to find your answer.

14. MCC4.OA.3 (DOK 3)

Christine bought clothes for school. She bought 3 shirts for \$24 each and 4 skirts for \$30 each. How much money did Christine spend on her new school clothes? Explain the steps you used to find your answer.