



Name _____ Date _____

4.NBT.1

Answer the following questions.

1. Circle all the numbers that have a 7 that is ten times greater than the 7 in the number 42,768.

- a. 26,578 b. 37,989 c. 87,544 d. 86,573

2. Circle all the numbers that have a 5 that is ten times greater than the 5 in the number 22,458.

- b. 36,548 b. 65,225 c. 17,548 d. 29,577

3. The 9 in the number 19,245 is ten times greater than the 9 in which numbers? Circle all that apply.

- c. 18,947 b. 41,292 c. 43,549 d. 58,924

4. Circle all the numbers that have a 2 that is ten times greater than the 2 in the number 42,458.

- d. 25,678 b. 91,232 c. 23,813 d. 29,876

5. The 4 in the number 23,455 is ten times greater than the 4 in which numbers? Circle all that apply.

- e. 75,842 b. 54,292 c. 45,141 d. 23,429

6. Explain how the 4 in the number 1,546 is different than the 4 in the number in 2,984.

7. Sarah worked at a restaurant all summer and made \$1,658.

Which of the following expression or expressions is equivalent to the value of the 6 in Sarah's quantity? Circle all that apply. Using models, numbers and words, prove one of the answers.

- 600 x 10 6,000 x 10 6 x 100 60 x 10 600 ÷ 10 6,000 ÷ 10

8. Look at these two boys' numbers:

Bryson's number 23,476	Dylan's number 39,745
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Circle true or false for the following statements.

- A. The 7 in Bryson's number has 10 times the value of the 7 in Dylan's number. **True False**
- B. The 4 in Bryson's number has 10 times the value of the 4 in Dylan's number. **True False**
- C. The 3 in Dylan's number has 10 times the value of the 3 in Bryson's number. **True False**

Choose a true statement and use numbers, models, and words to show how you know it is true.

9. Sydney wrote the number 24,529. Maddy also wrote a five-digit number that has only one 4 in it. The 4 in Maddy's number is worth 10 times more as the 4 in Sydney's number. Write three different numbers that Sydney could have written.

Circle one of the numbers you wrote above. Use models, numbers, or words to show how you know that the 4 in that number is worth ten times as much as the 4 in Sydney's number.