Name __Key!__   NC.4.NBT.1 CFA (Cluster 3)

1. In which of the following pairs of numbers is the value of the 3 in the first number 10 times the value of the 3 in the second number?

    a. 135 and 37
    b. 513 and 73
    c. 131 and 73
    d. 132 and 37

    A 135 37   B 513 73   C 31 73   D 132 37
       30×10   3×10   3×10   30×10
       300   30   30   300
       NO   NO   YES   NO

2. Michael has a collection of 200 seashells. He stores the seashells in 20 different boxes. How many seashells are in each box?

    a. 10
    b. 20
    c. 100
    d. 200

    $200 \div 20 = 10$
    or
    $20 \times 10 = 200$

3. Mrs. Jones wrote the number 53,125 on the board. Mary wrote a number using the same digits. The 2 in Mary's number represents ten times the 2 in Mrs. Jones' number. What could Mary's number be?

    a. 23,145
    b. 52,135
    c. 53,152
    d. 53,215

    53125 $20 \times 10 = 200$

4. Tommy said he has 35 of the same amount of dollar bills in his piggy bank. What is the value of Tommy's money if he has 35 ten dollar bills?

    a. $35
    b. $350
    c. $3,500
    d. $3.50

    $35 \times 10 = 350$

5. The value of the 7 in the number 6,731 is how many times larger than the value of the 7 in the number 673?

    a. 10 times
    b. 2 times
    c. 7 times
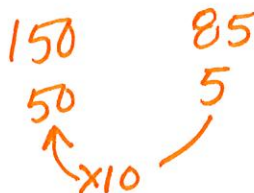   d. 100 times

    6731   673
    700   70
      ×10

6. Jessica has 573 stickers in her collection. How many sets of 10 stickers does Jessica have in her collection?

$$573 \div 10 = 57 \text{ ish}$$
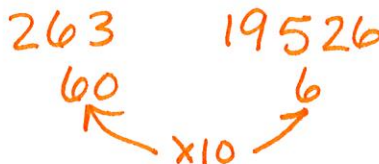
   a. 7
   b. 50
   c. 57
   d. 70

7. Two friends went to a laser tag competition. One friend scored 150 points and the other friend scored 85 points. How does the value represented by the 5 in 150 compare to the value represented by the 5 in 85?

   a. It is 5 times greater.
   b. It is 10 times greater.
   c. It is 65 times greater.
   d. It is 30 times greater.

150   85
50   5
↑
x10

8. Joe's parents bought a new car. They spent $19,526 on the vehicle. The insurance for the car is $263 dollars per month. How many times larger is the value of the 6 in $263 than in $19,526?

   a. 6 times greater
   b. 100 times greater
   c. 63 times greater
   d. 10 times greater

263   19526
60   6
x10

9. John's teacher wrote the number 23,698 on the board. What is the value of the 3 in this number?

   a. 3,000
   b. 30,000
   c. 300
   d. 30

23698
3000

10. If you have 260 ten dollar bills what would the value of your money be?

   a. $260
   b. $26.00
   c. $2,600
   d. $260,000

$$260 \times 10 = 2600$$