| Math 4th Grade Benchmark Assessment 1 |
| --- |
| 4.NBT.1, 4.NBT.2, 4.NBT.3, 4.NBT.4, 4.OA.1, 4.OA.2, 4.NBT.5 |
| # | Standard | Question |
| 1 | 4.NBT.1 | In the number 344,586, how many times greater is the value represented by the 4 in the ten thousands place than the value represented by the 4 in the thousands place?1. 1
2. 10
3. 1,000
4. 10,000
 |
| 2 | 4.OA.1,4.OA.2 | The table below shows the ages of several family members.

| **Family Member** | **Age** |
| --- | --- |
| Pete | 21 |
| Sara | 18 |
| Brett | 34 |
| Ellen | 54 |
| Jamie | 6 |

Which family member is 3 times as old as Sara?1. Pete
2. Brett
3. Ellen
4. Jamie
 |
| 3 | 4.NBT.3 | Which two numbers round to 86,000 when rounded to the nearest thousand?1. 86,499 and 86,575
2. 85,783 and 86,459
3. 85,412 and 86,250
4. 85,379 and 86,736
 |
| 4 | 4.NBT.5 | Olivia used the area model to find the product of two factors. Her work is shown below.Which equation represents the two factors Olivia had to multiply and their product?1. 4 × 6,387 = 25,548
2. 7 × 638 = 4,466
3. 4 × 6,387 = 25,468
4. 7 × 6,384 = 44,688
 |
| 5 | 4.NBT.4 | What is the sum of 390,198 and 32,382?1. 322,470
2. 422,580
3. 422,480
4. 322,580
 |
| 6 | 4.NBT.2 | The expanded form of a number is shown.4 × 10,000 + 3 × 1,000 + 5 × 10 + 8 × 1What is the number name of the given number?1. Forty thousand fifty-eight
2. Forty-three thousand five hundred eighty
3. Forty-three thousand fifty-eight
4. Forty-three thousand five hundred eight
 |
| 7 | 4.NBT.2 | 5,6\_\_4 > 5,639Which of the following numbers could be placed in the space to make the following comparison true? Select two that apply.* A. 2
* B. 8
* C. 6
* D. 3
* E. 1
 |
| 8 | 4.OA.1,4.OA.2 | To solve a problem, a student writes the equation shown.12 × 3 = ?Which question can be solved using the student’s equation?1. A basket has 12 apples in it. The number of oranges in the basket is 3 more than the number of apples. How many oranges are in the basket?
2. A bag has 12 red marbles in it. The number of green marbles in the bag is 3 times as many as the red marbles. How many green marbles are in the bag?
3. There are 12 shirts in a closet. The number of belts in the closet is 3 less than the number of shirts. How many belts are in the closet?
4. There are 12 candles. The candles are divided equally among 3 friends. How many candles will each friend get?
 |
| 9 | 4.NBT.3 | Antonio reads a sign that says 14,735 people live in his town. Antonio rounds this number to the closest ten, hundred, and thousand. Which of these could be Antonio’s rounded numbers? Choose ALL that are correct.* A. 14,740
* B. 14,800
* C. 14,700
* D. 14,730
* E. 15,000
* F. 14,000
 |
| 10 | 4.NBT.4 | Mr. Corso bought a car that cost $9,100. He paid $3,775 towards the cost. How much more money does Mr. Corso need to finish paying for the car?1. $5,325
2. $5,335
3. $6,435
4. $6,675
 |
| 11 | 4.NBT.1 | The chart below tells the lengths in miles of six different rivers from around the world.

| Name | Nile | Columbia | Mekong | Danube | Volga | Amazon |
| --- | --- | --- | --- | --- | --- | --- |
| Length | 4,132 mi | 1,450 mi | 2,705 mi | 1,795 mi | 3,645 mi | 3,976 mi |

The value of the 7 in the Danube’s length is ten times the value of the 7 in the \_\_\_\_\_\_\_\_\_\_\_\_\_’s length.Which river name belongs in the blank?1. Mekong
2. Volga
3. Amazon
4. Nile
 |
| 12 | 4.NBT.1 | In the number 44,000 how is the value of the digit in the ten thousands place related to the value of the digit in the thousands place?1. It is the same.
2. It is four times greater.
3. It is ten times greater.
4. It is one hundred times greater.
 |
| 13 | 4.NBT.2 | The speed of light is about 186,282 miles per second. Which number name can be used to represent 186,282?1. One hundred thousand, eighty-six hundred eighty-two
2. Eighteen thousand, sixty-two hundred eighty-two
3. Eighteen hundred, sixty-two thousand eighty-two
4. One hundred eighty-six thousand, two hundred eighty-two
 |
| 14 | 4.OA.1,4.OA.2 | A red hat costs $18 and a blue hat costs $6 on Amazon. How many times as much does the red hat cost as the blue?1. 12 times as much
2. 24 times as much
3. 3 times as much
4. 2 times as much
 |
| 15 | 4.NBT.4 | Find the difference.5,600 - 4291. 5,171
2. 5,081
3. 5,011
4. 5,299
 |
| 16 | 4.NBT.3 | When rounded to the nearest hundred, which of the following numbers round to 3,600? Choose all that apply.* A. 3,656
* B. 3,578
* C. 3,541
* D. 3,631
* E. 3,555
 |
| 17 | 4.NBT.5 | Lindsay used the model shown to solve a multiplication problem.What multiplication problem is Lindsay solving?A. 75 x 54 = 4,050B. 55 x 77 = 4,235C. 57 x 45 = 2,565D. 47 x 55 = 2,585 |
| 18 | 4.NBT.5 | What is the product of 74 × 53?1. 572
2. 592
3. 3,722
4. 3,922
 |

| **Answer Key**  |
| --- |
| 1 | 4.NBT.1 | B.10 |  | 10 | 4.NBT.4 | A. $5,325 |
| 2 | 4.OA.1, 4.OA.2 | C. Ellen |  | 11 | 4.NBT.1 | C. Amazon |
| 3 | 4.NBT.3 | B. 85,783 and 86,459 |  | 12 | 4.NBT.1 | C. It is ten times greater. |
| 4 | 4.NBT.5 | A. 4 × 6,387 = 25,548 |  | 13 | 4.NBT.2 | D |
| 5 | 4.NBT.4 | B. 422,580 |  | 14 | 4.OA.1, 4.OA.2 | C. 3 times as much. |
| 6 | 4.NBT.2 | C.Forty-three thousand fifty-eight |  | 15 | 4.NBT.4 | A. 5,171 |
| 7 | 4.NBT.2 | B. 8C. 6 |  | 16 | 4.NBT.3 | B. 3,578D. 3,631E. 3,555 |
| 8 | 4.OA.1, 4.OA.2 | B |  | 17 | 4.NBT.5 | C. 57 x 45 = 2,565 |
| 9 | 4.NBT.3 | A. 14,740C. 14,700E. 15,000 |  | 18 | 4.NBT.5 | D. 3,922 |