

Study Guide - Week of Aug. 20 - 24

ADDING AND SUBTRACTING MULTI-DIGIT NUMBERS

4.NBT.B.4 Fluently add and subtract multi-digit whole numbers using the standard algorithm.

Directions: Solve the following subtraction problems.

1. $6,295 - 4,596 =$

2. Ben solved a math problem this way:

$$\begin{array}{r} 492 \\ -256 \\ \hline 137 \end{array}$$

Is his answer correct or incorrect? Use pictures, numbers, and words to show your reasoning.

3. Which number makes this sentence true?

$6,404 - \underline{\hspace{2cm}} = 3,457$

- A 3,567
- B 2,947
- C 1,947
- D 3,289

Directions: Use the following information to answer questions 4-6.
 Suzie and James were researching animals. They found the following chart of animal weights

| | |
|--------------|-------|
| Hippopotamus | 2,297 |
| Camel | 1,885 |
| Elephant | 2,707 |
| Buffalo | 1,194 |
| Bear | 930 |

4. What is the difference in weight between the bear and camel? Show your work.

5. How much more does the camel weigh than the buffalo? Show your work.

6. Which animal pairs have a difference in weight that is closest to 1,500 pounds?

- A camel and hippopotamus
- B elephant and buffalo
- C elephant and camel
- D bear and hippopotamus

7. Solve this subtraction problem:
 $4,387 - 2,754 =$

8. Write another subtraction problem with the same difference as that in question 7. Explain how you figured it out.

CC.4.NBT.4 Fluently add and subtract multi-digit whole numbers using the standard algorithm.

- On Election Day, 7,548 people voted in the morning at one voting center. In the afternoon, 12,495 people voted at the same center. How many people voted at the voting center on Election Day?
 - 20,033 people
 - 20,043 people
 - 20,143 people
 - 29,143 people
- Yuri and Nathan both made posters. Yuri made 1,272 copies of his poster. Nathan made 325 copies of his poster. How many more copies did Yuri make than Nathan?
- A popular rock band performed two concerts. There were 3,187 people at the first show and 2,824 people at the second show. How many people came to the two concerts in all?
 - 5,011 people
 - 5,901 people
 - 5,911 people
 - 6,011 people
- Neptune orbits the sun in 59,800 days. Uranus orbits the sun in 30,589 days. How much longer does it take Neptune to orbit the sun than Uranus?
- Last year, Tanya's school used 24,454 gallons of water each day. This year, the school used 5,212 fewer gallons of water each day. Which shows the amount of water Tanya's school used each day this year?
 - 19,242 gallons
 - 20,242 gallons
 - 20,252 gallons
 - 20,342 gallons
- Nicole's family drove their new car 23,560 miles the first year. They drove 24,050 miles the second year. Which shows the total number of miles Nicole's family drove these two years?
 - 46,510 miles
 - 46,610 miles
 - 47,510 miles
 - 47,610 miles
- The population of Raleigh, North Carolina, was 403,892. In the same year, the population of Charlotte, North Carolina, was 731,424. How many more people lived in Charlotte than in Raleigh?