

4.NBT.B.4 Add or Subtract Through 6 Digit Numbers

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

1. Elevation of Mt. Denali, the highest mountain in the US is 20,308 feet. Elevation of the second highest mountain, Mt. Saint Elias is 18,008 feet. How higher Mt. Denali is than Mt. Saint Elias?

Solution:

2. The diameter of the planet Venus is 12,104 kilometers. The diameter of the planet Mars is 6,779 kilometers. How wider is the Venus than the Mars?

Solution:

3. Find the sum or the difference.

a.
$$\begin{array}{r} 49,872 \\ + 34,257 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 562,190 \\ + 398,907 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 83,791 \\ - 61,704 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 209,823 \\ - 154,734 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 67,340 \\ - 45,890 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 667,923 \\ + 152,670 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 8,500 \\ - 1,907 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 378,028 \\ - 212,782 \\ \hline \end{array}$$

k.
$$\begin{array}{r} 997,853 \\ - 567,091 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 790,548 \\ + 218,056 \\ \hline \end{array}$$

j.
$$\begin{array}{r} 189,056 \\ + 108,974 \\ \hline \end{array}$$

l.
$$\begin{array}{r} 756,034 \\ - 298,592 \\ \hline \end{array}$$

Solution:

- | | |
|----|----|
| a. | g. |
| b. | h. |
| c. | i. |
| d. | j. |
| e. | k. |
| f. | l. |

4. Use the table on your right to answer the following questions:

- a. What is the difference in the height of Mt. Denali and Mt. Saint Elias?
- b. If Mt. Saint Elias is moved to the top of Mt. Denali, how higher is the new mountain be than the Mt. Foraker?
- c. As a result of an earthquake, Mt. Bona sank by 2,711 feet. What is the new height of Mt. Bona?

Highest Mountains of United States	
Mountain	Elevation (feet)
Denali	20,308
Saint Elias	18,008
Foraker	17,401
Bona	16,420
Blackburn	16,391

Solution:

a.

b.

c.

5. A satellite dish provider got 478,093 new customers in year 2018. The same provider registered 31,894 fewer new customers in year 2019. How many new customers joined in year 2019?

Solution:

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Answer Key

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

1. Elevation of Mt. Denali, the highest mountain in the US is 20,308 feet. Elevation of the second highest mountain, Mt. Saint Elias is 18,008 feet. How higher Mt. Denali is than Mt. Saint Elias?

Solution:
2,300 feet

2. The diameter of the planet Venus is 12,104 kilometers. The diameter of the planet Mars is 6,779 kilometers. How wider is the Venus than the Mars?

Solution:
5,325 kilometers

3. Find the sum or the difference.

a. $\begin{array}{r} 49,872 \\ + 34,257 \\ \hline \end{array}$	c. $\begin{array}{r} 562,190 \\ + 398,907 \\ \hline \end{array}$	e. $\begin{array}{r} 83,791 \\ - 61,704 \\ \hline \end{array}$
b. $\begin{array}{r} 209,823 \\ - 154,734 \\ \hline \end{array}$	d. $\begin{array}{r} 67,340 \\ - 45,890 \\ \hline \end{array}$	f. $\begin{array}{r} 667,923 \\ + 152,670 \\ \hline \end{array}$
g. $\begin{array}{r} 8,500 \\ - 1,907 \\ \hline \end{array}$	i. $\begin{array}{r} 378,028 \\ - 212,782 \\ \hline \end{array}$	k. $\begin{array}{r} 997,853 \\ - 567,091 \\ \hline \end{array}$
h. $\begin{array}{r} 790,548 \\ + 218,056 \\ \hline \end{array}$	j. $\begin{array}{r} 189,056 \\ + 108,974 \\ \hline \end{array}$	l. $\begin{array}{r} 756,034 \\ - 298,592 \\ \hline \end{array}$

Solution:
a. 84,129 g. 6,593
b. 55,089 h. 1,008,604
c. 961,097 i. 165,246
d. 21,450 j. 298,030
e. 22,087 k. 430,762
f. 820,593 l. 457,442

4. Use the table on your right to answer the following questions:

- a. What is the difference in the height of Mt. Denali and Mt. Saint Elias?
b. If Mt. Saint Elias is moved to the top of Mt. Denali, how higher is the new mountain be than the Mt. Foraker?
c. As a result of an earthquake, Mt. Bona sank by 2,711 feet. What is the new height of Mt. Bona?

Highest Mountains of United States	
Mountain	Elevation (feet)
Denali	20,308
Saint Elias	18,008
Foraker	17,401
Bona	16,420
Blackburn	16,391

Solution:

a. 2,300 feet b. 20,915 feet c. 13,709 feet

5. A satellite dish provider got 478,093 new customers in year 2018. The same provider registered 31,894 fewer new customers in year 2019. How many new customers joined in year 2019?

Solution:
446,199