

CBSE Worksheet-09

CLASS – VI Mathematics (Whole Numbers)

Choose correct option in questions 1 to 5.

- What is the predecessor of 2451?
 - 2450
 - 2449
 - 2448
 - 2447
- What is the successor of 987?
 - 986
 - 988
 - 989
 - 990
- $570 \underline{\hspace{1cm}} 507$
 - $>$
 - $<$
 - $=$
 - none of these
- $2134 \underline{\hspace{1cm}} 3245$
 - $>$
 - $<$
 - $=$
 - none of these
- What is $8 - 3$?
 - 1
 - 5
 - 3
 - 4

Fill in the blanks:

6. If you add _____ to a natural number, we get its successor.
7. If you subtract _____ from a natural number, you get its predecessor.
8. Every natural number except _____ has a predecessor.
9. $8 * 5 = \underline{\hspace{1cm}}$
10. If you're on a diet and have a breakfast consisting of 150 calories, a lunch consisting of 350 calories, and a dinner consisting of 1000 calories, then find the **sum** of the calories consumed that day.
11. At a certain school each classroom contains 32 students. How many classrooms will you need for 384 students?
12. Find:
 - a. $51 * 102$
 - b. $65 * 99$

Answer key:

1. a
2. b
3. a
4. b
5. b
6. 1
7. 1
8. 1
9. 40

10. The **sum** of the calories consumed that day is $150 + 350 + 1000 = 1500$ calories.

11. Each classroom holds 32 students. So we can think of the size of each of our sets as 32. Our divisor is 32.

The total amount of students is 384. The dividend is 384.

This problem is basically asking "How many sets of 32 do you need to equal 384?"

In other what is 384 divided by 32?

$$384/32 = 12$$

There you need 12 groups of 32 to reach 324.

12. a. $51 * 102 = 51 (100 + 2) = 51 * 100 + 51 * 2 = 5100 + 102 = 5202$
b. $65 * 99 = 65 * (100 - 1) = 65 * 100 - 65 * 1 = 6500 - 65 = 6435$