



**Answer key:**

1. a
2. b
3. a
4. b
5. b
6. Zero
7. 500 is the successor of \_\_\_\_.
8. A number remains unchanged when added to \_\_\_\_.
9.  $5 * 6 = \underline{\hspace{1cm}}$
  
10. A vendor supplies 32 litres of milk to a hotel in the morning and 68 litres of milk in the evening. If the milk costs Rs 15 per litre, how much money is due to the vendor per day?
  
11. If the product of two whole numbers is zero, can we say that one or both of them will be zero?
  
12. Find using distributive property:
  - a.  $58 * 101$
  - b.  $72 * 99$
  
7. 499
8. zero
9. 30
10.  $\text{Rs } 15 (32 + 68) = \text{Rs } 15 * 100 = \text{Rs } 1500$
11. Yes, for example,  $2 * 0 = 0$ ,  $0 * 3 = 0$
12.
  - a.  $58 * 101 = 58 * (100 + 1) = 58 * 100 + 58 * 1 = 5800 + 58 = 5858$
  - b.  $72 * 99 = 72 * (100 - 1) = 72 * 100 - 72 * 1 = 7200 - 72 = 7128$