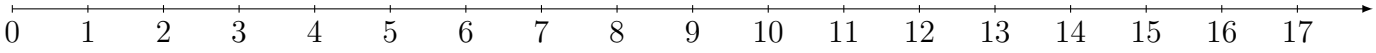
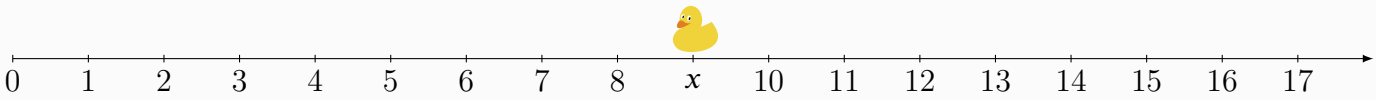
1.4. Number Line



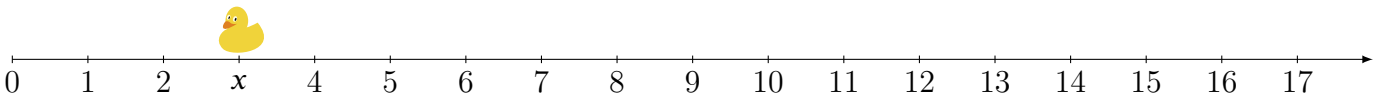
A **number line** is a straight line with numbers placed at equal intervals, in order.

Example 1: Find the secret number x on the number line.



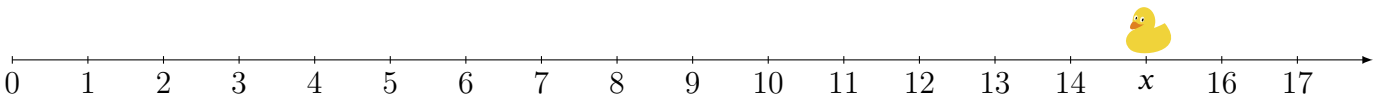
Solution: *The secret number* x *is 9.*

Practice 1: Find the secret number x on the number line.



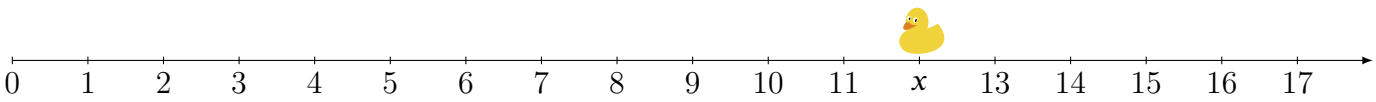
The secret number x is 3.

Practice 2: Find the secret number x on the number line.



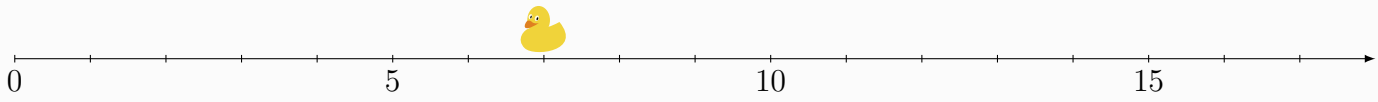
The secret number x is 15.

Practice 3: Find the secret number x on the number line.



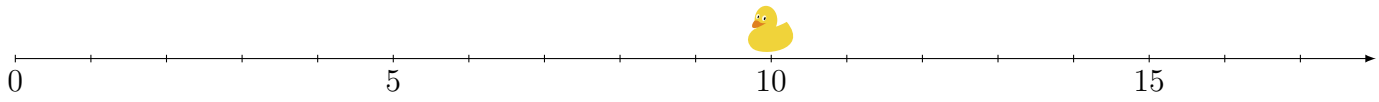
The secret number x is 12.

Example 2: Where is the duck?



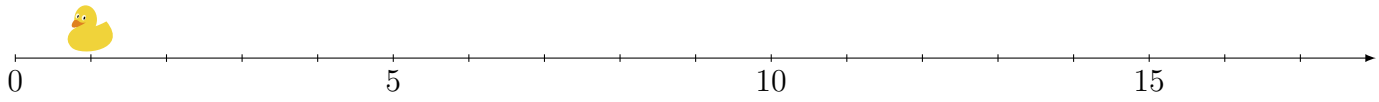
The duck is at number 7.

Practice 4: Where is the duck?



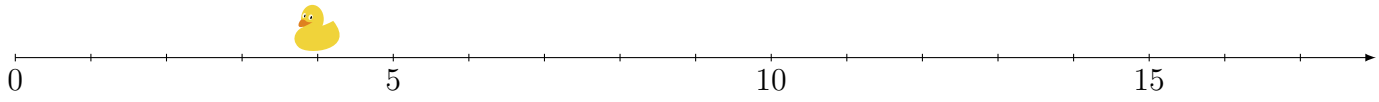
The duck is at number 10.

Practice 5: Where is the duck?



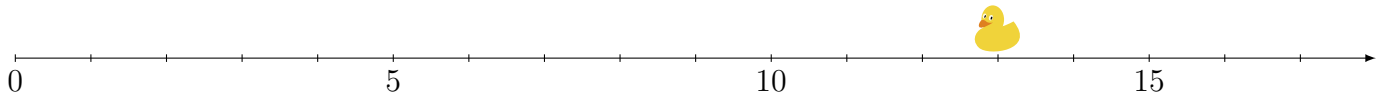
The duck is at number 1.

Practice 6: Where is the duck?



The duck is at number 4.

Practice 7: Where is the duck?



The duck is at number 13.

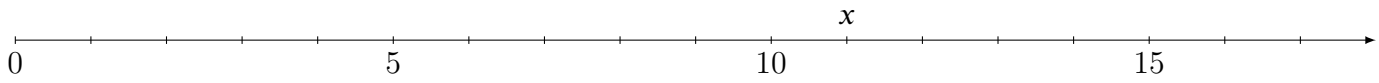
Example 3: I don't need the duck anymore. How about you?



x is at number 8.

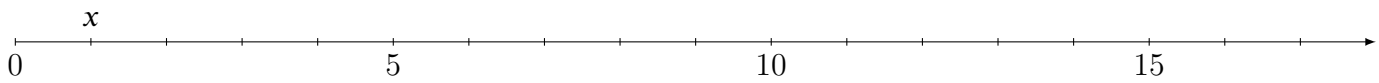
$$x = 8$$

Practice 8: Find x.



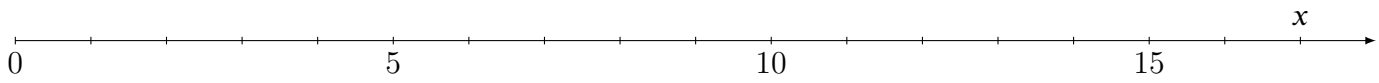
$x =$ 11

Practice 9: Find x.



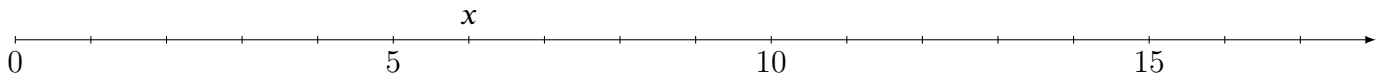
$x =$ 1

Practice 10: Find x.



$x =$ 17

Practice 11: Find x.



$x =$ 6