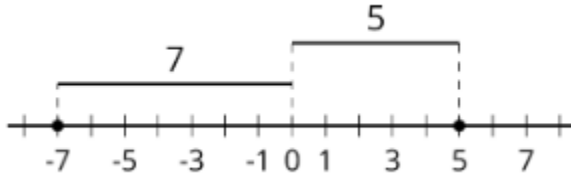


## Unit 5 Glossary Terms

### absolute value

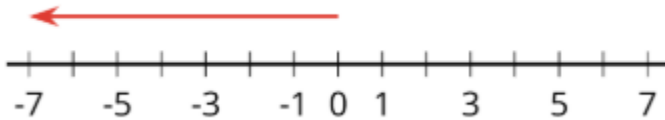
The absolute value of a number is its distance from 0 on the number line.



The absolute value of -7 is 7, because it is 7 units away from 0. The absolute value of 5 is 5, because it is 5 units away from 0.

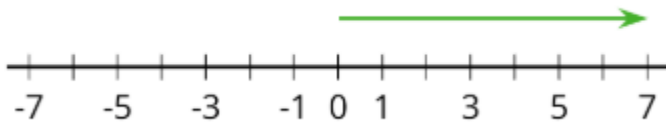
### Negative number

A negative number is a number that is less than zero. On a horizontal number line, negative numbers are usually shown to the left of 0.



### positive number

A positive number is a number that is greater than zero. On a horizontal number line, positive numbers are usually shown to the right of 0.



### **deposit**

When you put money into an account, it is called a *deposit*.

For example, a person added \$60 to their bank account. Before the deposit, they had \$435. After the deposit, they had \$495, because  $435 + 60 = 495$ .

### **withdrawal**

When you take money out of an account, it is called a withdrawal.

For example, a person removed \$25 from their bank account. Before the withdrawal, they had \$350. After the withdrawal, they had \$325, because  $350 - 25 = 325$ .

### **Solution to an equation**

A solution to an equation is a number that can be used in place of the variable to make the equation true.

For example, 7 is the solution to the equation  $m + 1 = 8$ , because it is true that  $7 + 1 = 8$ . The solution to  $m + 1 = 8$  is not 9, because  $9 + 1 \neq 8$ .

### **Rational number**

A rational number is a fraction or the opposite of a fraction.

For example, 8 and -8 are rational numbers because they can be written as  $\frac{8}{1}$  and  $-\frac{8}{1}$ .

Also, 0.75 and -0.75 are rational numbers because they can be written as  $\frac{75}{100}$  and  $-\frac{75}{100}$ .

### **variable**

A variable is a letter that represents a number. You can choose different numbers for the value of the variable.

For example, in the expression  $10 - x$ , the variable is  $x$ . If the value of  $x$  is 3, then  $10 - x = 7$ , because  $10 - 3 = 7$ . If the value of  $x$  is 6, then  $10 - x = 4$ , because  $10 - 6 = 4$ .