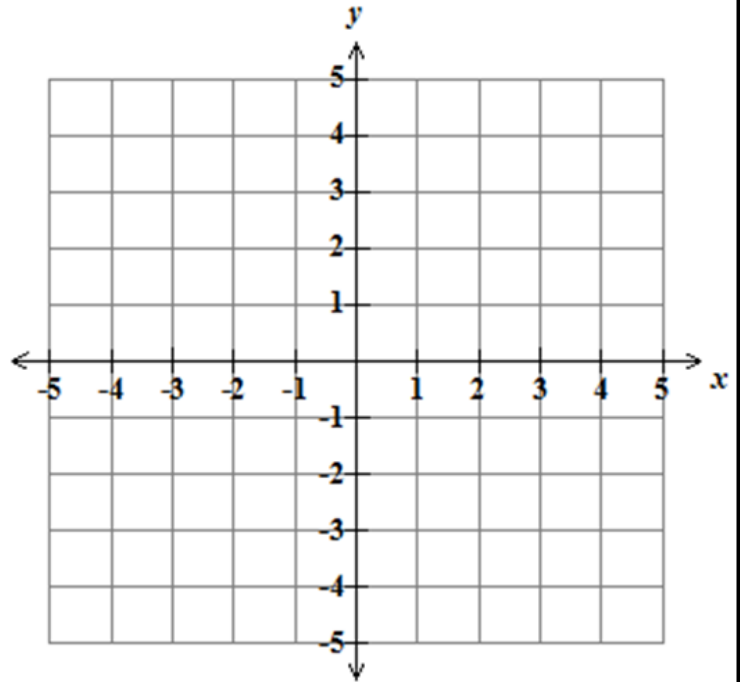


The Modulus Function

- defined as a \_\_\_\_\_



- referred to as the \_\_\_\_\_

Evaluating the Modulus Function

$f(x) =$

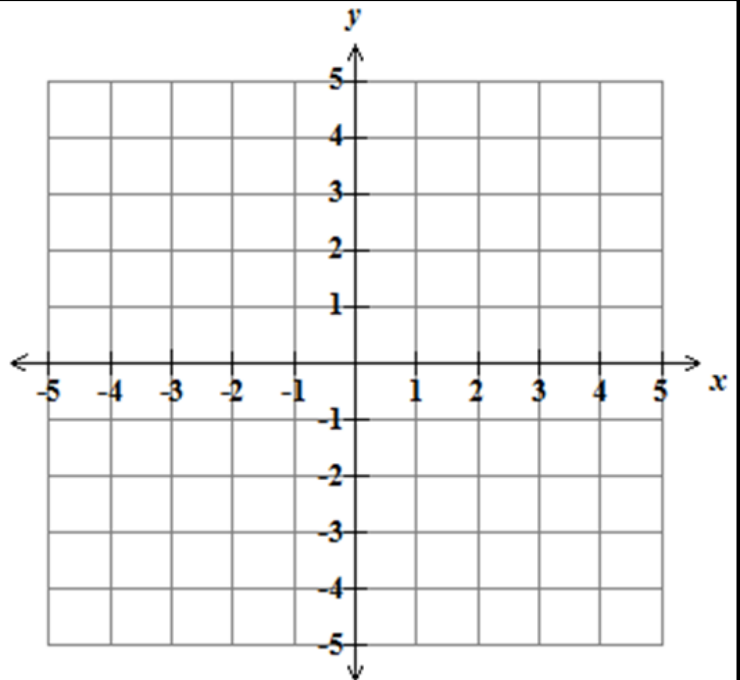
=

*The modulus function:*

- 
- 

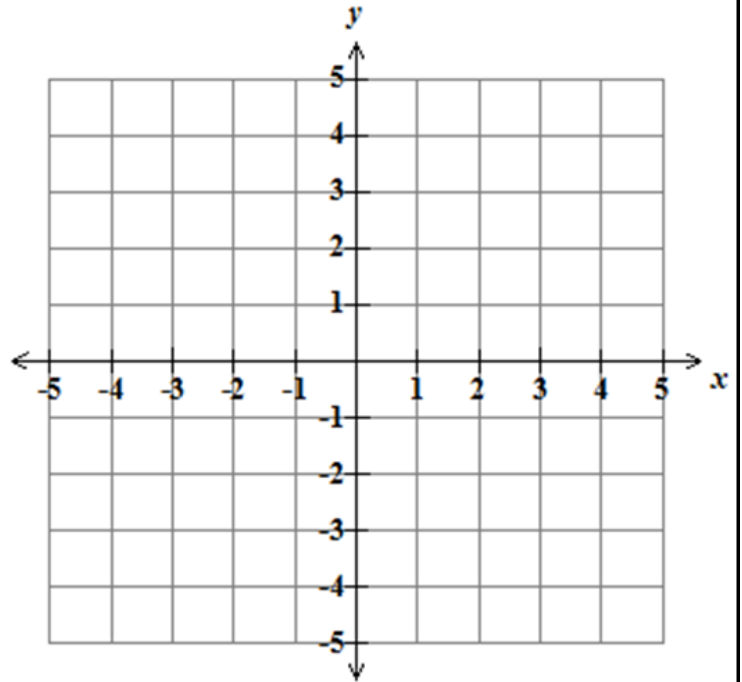
More Modulus Functions

$f(x) = |x - 3|$



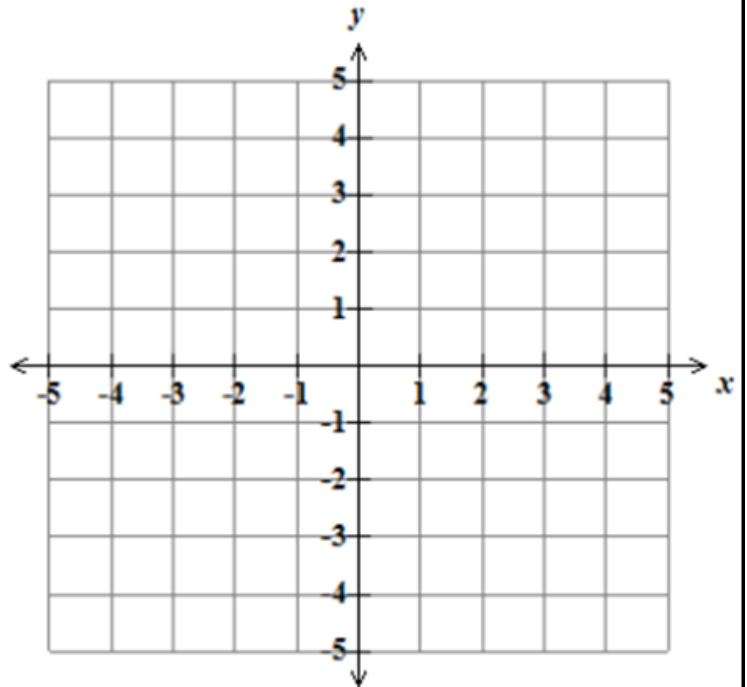
The Modulus Function

- defined as a \_\_\_\_\_



- referred to as the \_\_\_\_\_

$$f(x) = |x + 2|$$



Some notes about sketching modulus graphs

---

---

---

---

---

Solving modulus equations

Solve  $|x-1| = 2$

Solving modulus equations

Solve  $3|x-2| + 1 = 7$

Try this one for yourself

Solve  $2|x+1| - 3 = 5$

Some notes about using the TI-Nspire with modulus functions

---

---

---

---