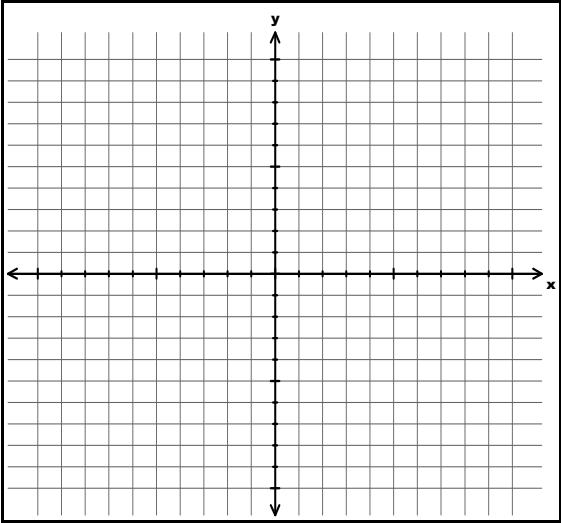


Communicating what we know about: the given function.

EQUATION	Values																
$f(x) = \begin{cases} -2x - 6, & x \leq -2 \\ 2 - x^2, & -2 < x < 2 \\ 2x - 6, & x \geq 2 \end{cases}$	<p>Find the following values:</p> <table border="1" data-bbox="964 363 1276 737"> <thead> <tr> <th><math>x</math></th> <th><math>f(x)</math></th> </tr> </thead> <tbody> <tr><td>-5</td><td></td></tr> <tr><td>-2</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>5</td><td></td></tr> <tr><td>10</td><td></td></tr> </tbody> </table>	$x$	$f(x)$	-5		-2		0		1		2		5		10	
$x$	$f(x)$																
-5																	
-2																	
0																	
1																	
2																	
5																	
10																	
GRAPH	COMMUNICATION																
	<p>Answer each question about the given function.</p> <ol style="list-style-type: none"> <li>1. What is the domain of the function?</li> <li>2. What is the range of the function?</li> <li>3. Find the zeroes of the function.</li> </ol>																

## EQUATION

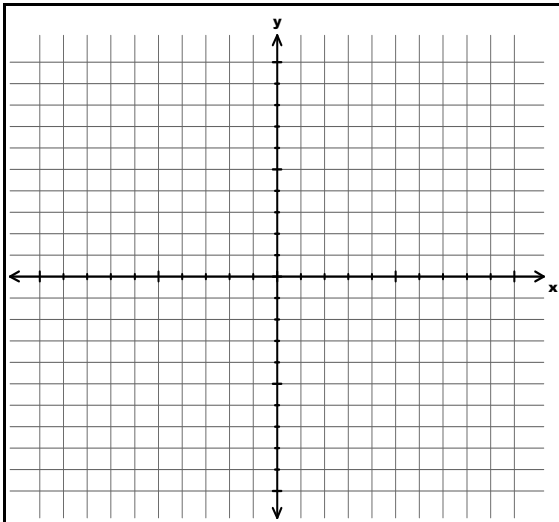
$$f(x) = \begin{cases} x^2 - 1, & x \neq 1 \\ -2, & x = 1 \end{cases}$$

## Values

Find the following values:

$x$	$f(x)$
-5	
-2	
0	
1	
2	
5	
10	

## GRAPH



## COMMUNICATION

Answer each question about the given function.

1. What is the domain of the function?
2. What is the range of the function?
3. Find the zeroes of the function.

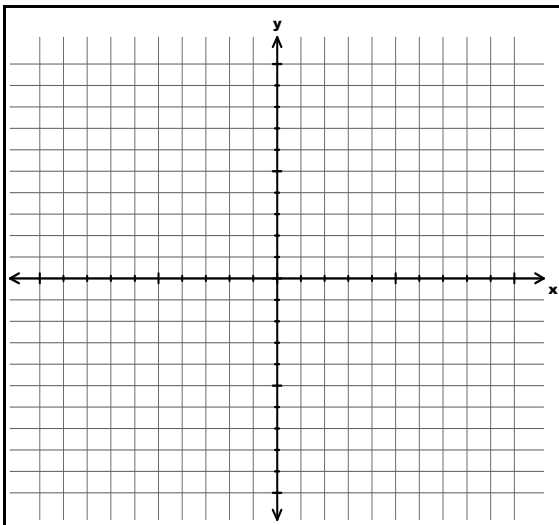
**EQUATION**

$$f(x) = \text{int}(x - 1)$$

**Values**

Find the following values:

$x$	$f(x)$
-2	
$-\frac{3}{2}$	
-1	
$-\frac{1}{2}$	
0	
$\frac{1}{2}$	
1	
$\frac{3}{2}$	
2	

**GRAPH****COMMUNICATION**

Answer each question about the given function.

1. What is the domain of the function?
  
  
  
  
  
  
  
  
  
  
2. What is the range of the function?

EQUATION

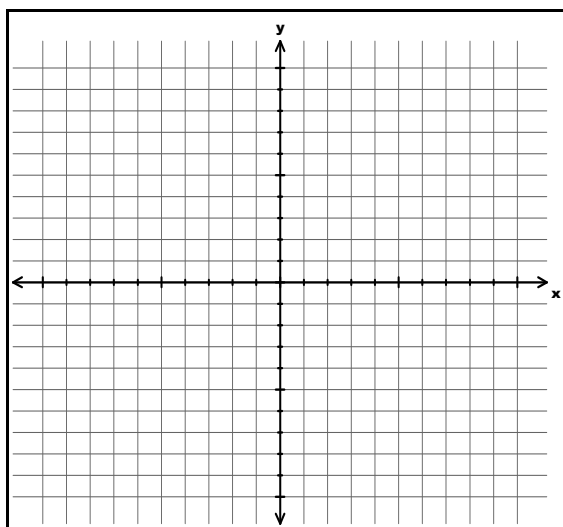
$$f(x) = \text{int}(x) - 1$$

Values

Find the following values:

$x$	$f(x)$
-2	
$-\frac{3}{2}$	
-1	
$-\frac{1}{2}$	
0	
$\frac{1}{2}$	
1	
$\frac{3}{2}$	
2	

GRAPH



COMMUNICATION

Answer each question about the given function.

1. What is the domain of the function?
  
  
  
  
  
  
  
  
  
  
2. What is the range of the function?