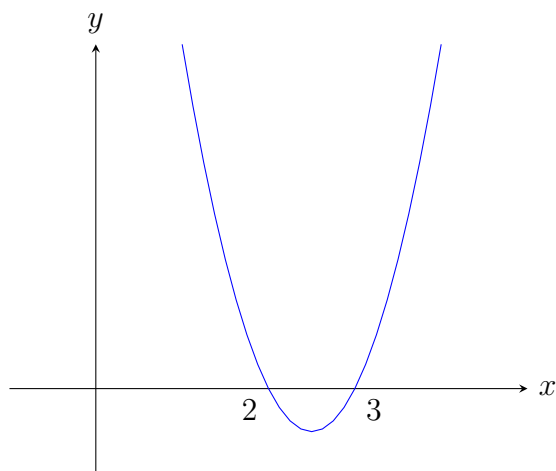


Limits

Example

Consider the quadratic function $f(x) = x^2 - 5x + 6$:



What happens to $f(x)$ as $x \rightarrow 2$, but $x \neq 2$?

x	$f(x)$
2.1	-0.09
2.01	-0.0099
2.001	-0.000999
2	
1.999	0.001001
1.99	0.0101
1.9	0.11

It appears that from either direction, $f(x) \rightarrow 0$.