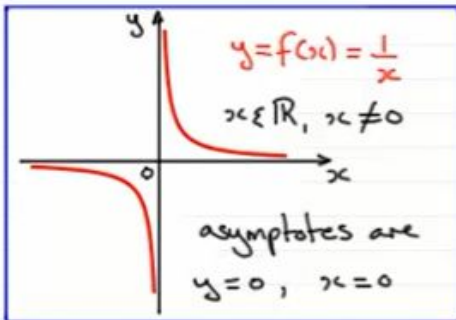




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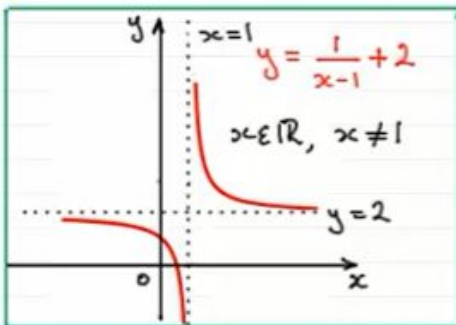
Interact, engage and perform

## Asymptotes - What are they?



Values of  $x$  close to 0

$x$	0	← 0.001	0.01	0.1	0.5	1
$y$	$\infty_+$	← 1000	100	10	2	1
$x$	-1	-0.5	-0.1	-0.01	-0.001	→ 0
$y$	-1	-2	-10	-100	-1000	→ $-\infty$



large positive values of  $x$

$x$	10	100	1000	→ $\infty$
$y$	0.1	0.01	0.001	→ $0_+$

large negative values of  $x$

$x$	$-\infty$	← -1000	-100	-10	→
$y$	$0_-$	← -0.001	-0.01	-0.1	→

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