

1



$$m = 0$$



-16



16

2

$$a = 0 - b$$



= 1

3



$$b = -1$$



-1



1

4



$$v = \frac{x}{m} + a$$



5



$$u = mx + b$$

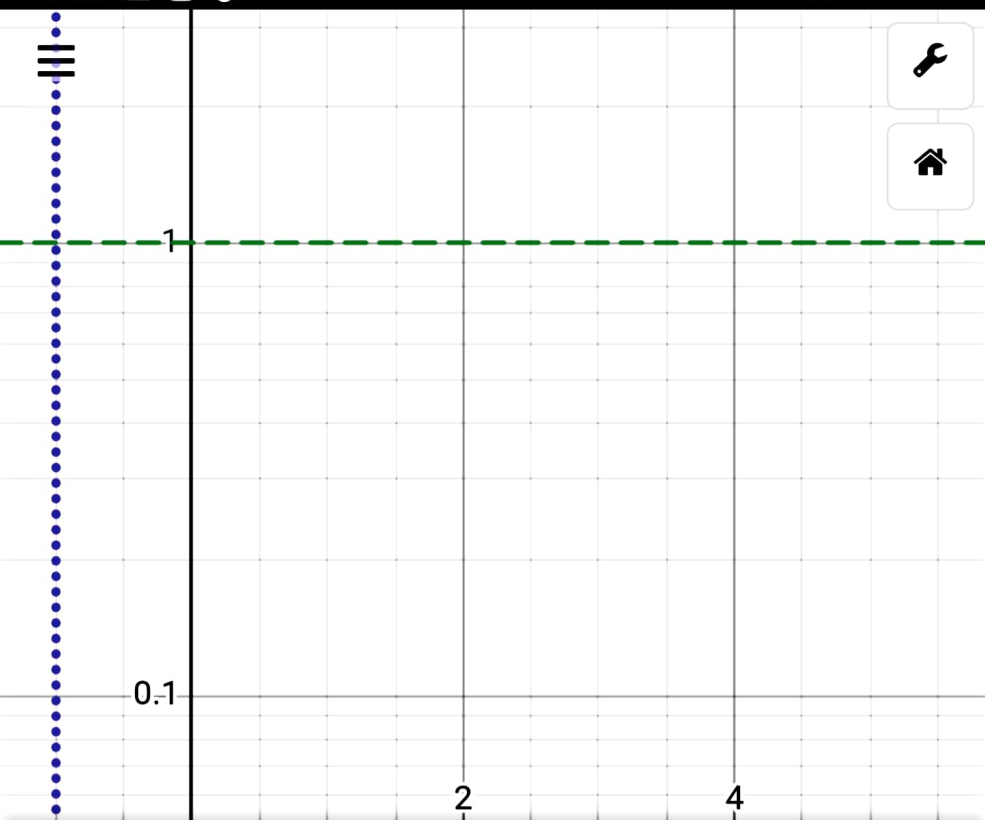


6



$$y = u^2$$





4



$$v = \frac{x}{m} + a$$



5



$$u = mx + b$$



6



$$y = u^2$$



7



$$y = v^2$$



8



$$x = u^3$$



9



$$x = v^3$$

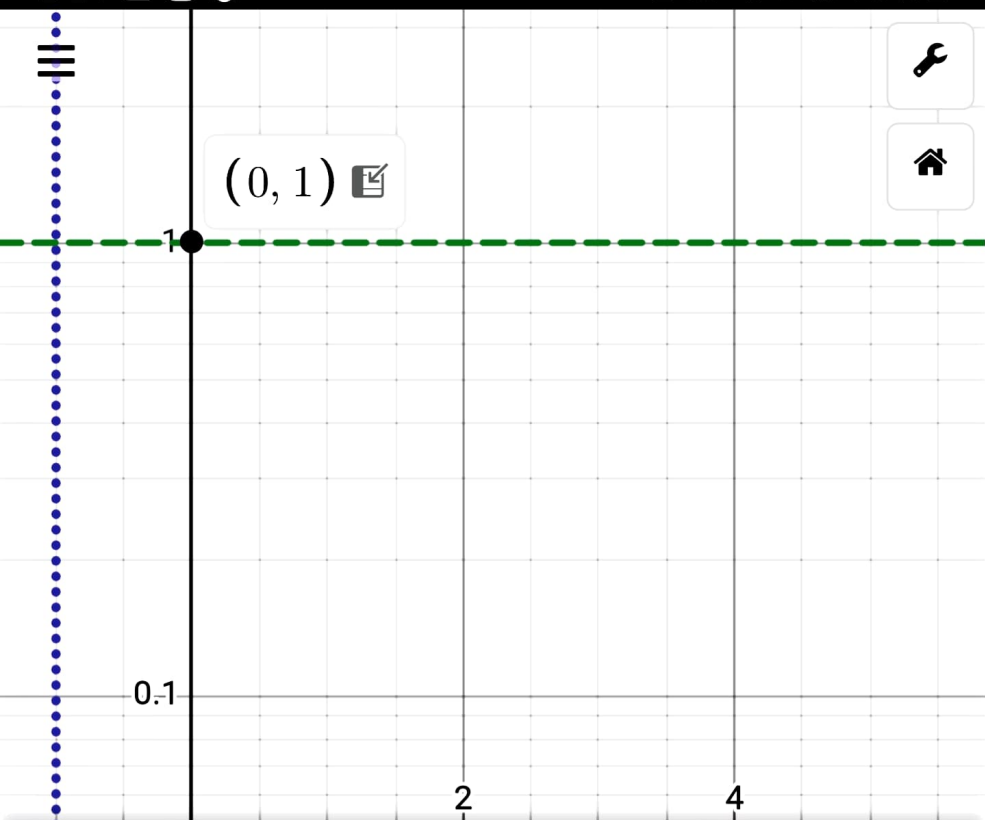


10



$$x = \sqrt{v}$$





- 1

$m = 0$
- 16

16
- 2

$a = 0 - b$
- $= 1$
- 3

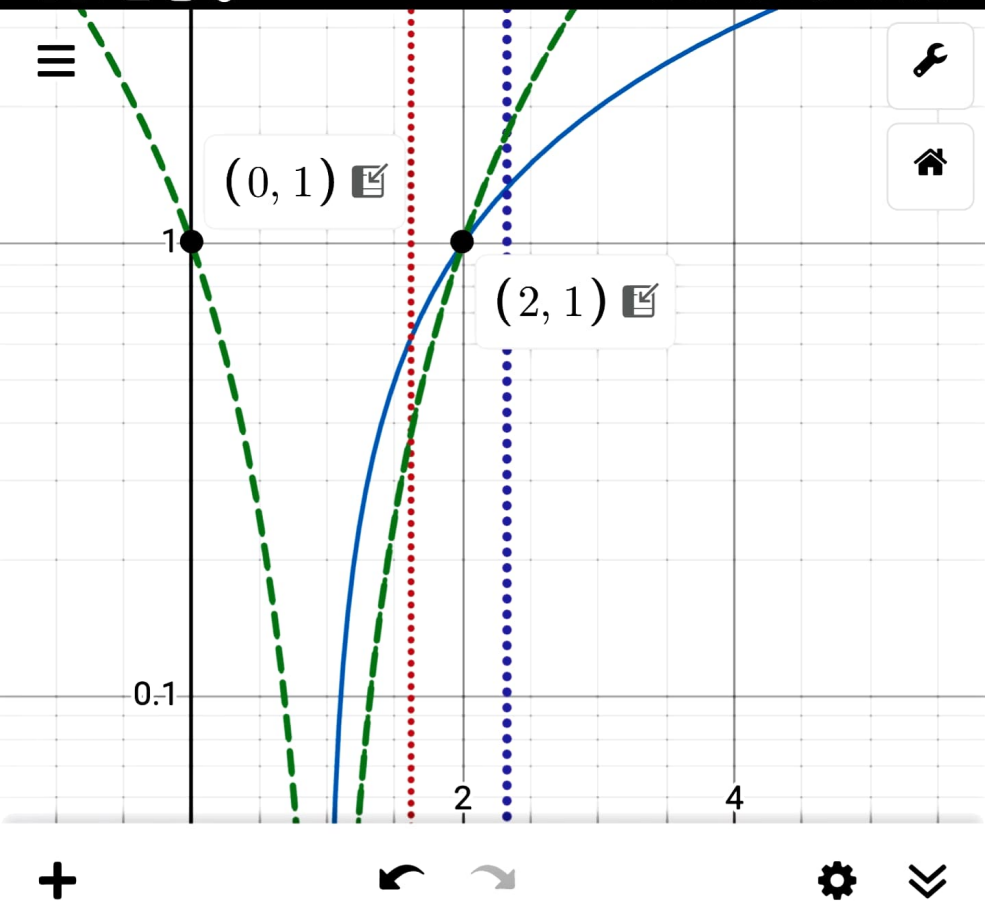
$b = -1$
- 1

1
- 4

$v = \frac{x}{m} + a$
- 5

$u = mx + b$
- 6

$y = u^2$



- 1

$m = 1$
- 16

16
- 2

$a = 0 - b$
- $= 1$
- 3

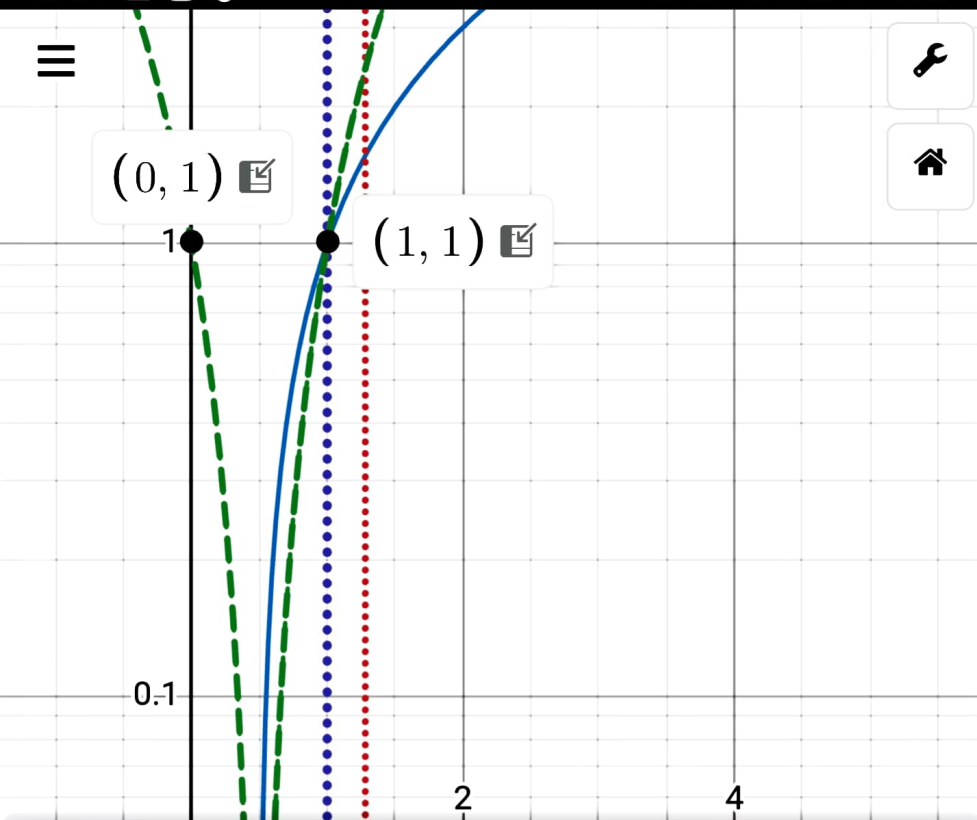
$b = -1$
- 1

1
- 4

$v = \frac{x}{m} + a$
- 5

$u = mx + b$
- 6

$y = u^2$

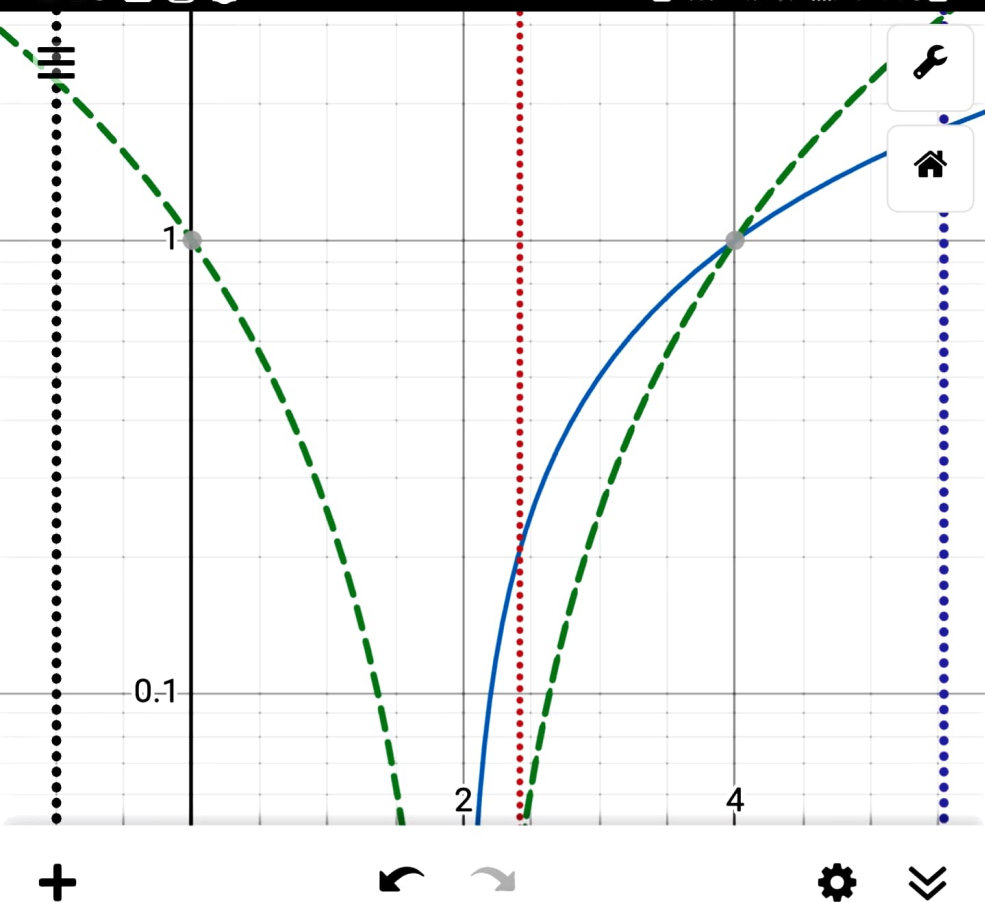


- 1

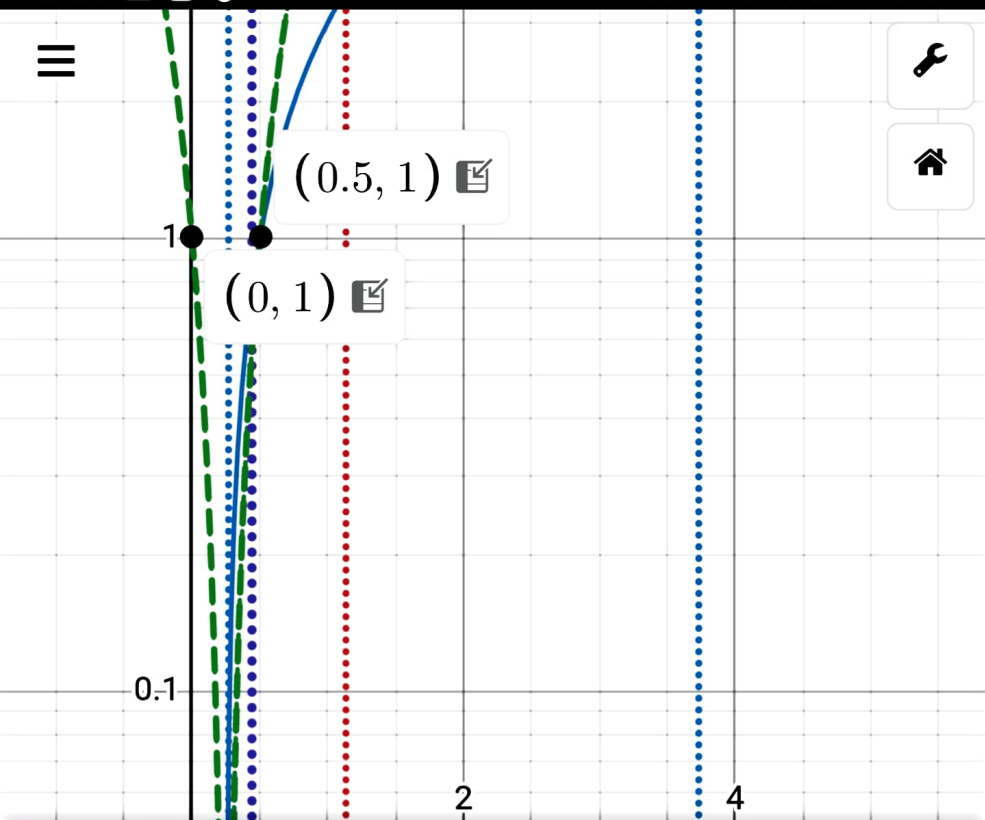
$m = 2$
- 16

16
- 2
- $a = 0 - b$
-
- $= 1$
- 3
- $b = -1$
- 1

1
- 4
- $v = \frac{x}{m} + a$
- 5
- $u = mx + b$
- 6
- $y = u^2$



1	$m = 0.5$
	<div> <div>-16</div> <div><div></div></div> <div>16</div> </div>
2	$a = 0 - b$
	<div> <div>= 1</div> </div>
3	$b = -1$
	<div> <div>-1</div> <div><div></div></div> <div>1</div> </div>
4	$v = \frac{x}{m} + a$
5	$u = mx + b$
6	$y = u^2$



- | | | | |
|---|--|-----------------------|----|
| 1 | | $m = 4$ | |
| | | -16 | 16 |
| 2 | | $a = 0 - b$ | |
| | | | |
| 3 | | $b = -1$ | |
| | | -1 | 1 |
| 4 | | $v = \frac{x}{m} + a$ | |
| 5 | | $u = mx + b$ | |
| 6 | | $y = u^2$ | |



$(0.125, 1)$

$(0, 1)$

1

0.1

2

4



1



$$m = 16$$



-16

16

2

$$a = 0 - b$$



= 1

3



$$b = -1$$



-1

1

4



$$v = \frac{x}{m} + a$$



5



$$u = mx + b$$

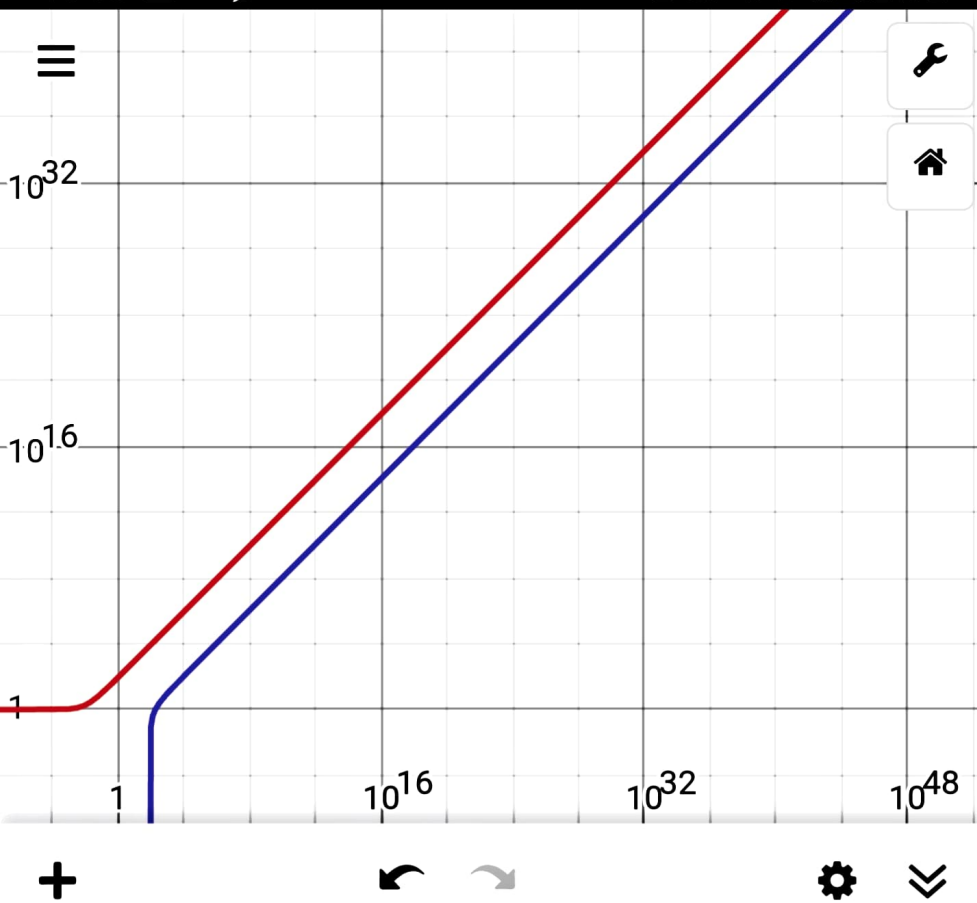


6






$$y = u^2$$

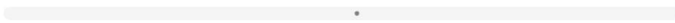





1

 $m = 90$ 





-90  90


2


$a = 0 - b$ 

= -1



3

 $b = 1$ 





-1  1

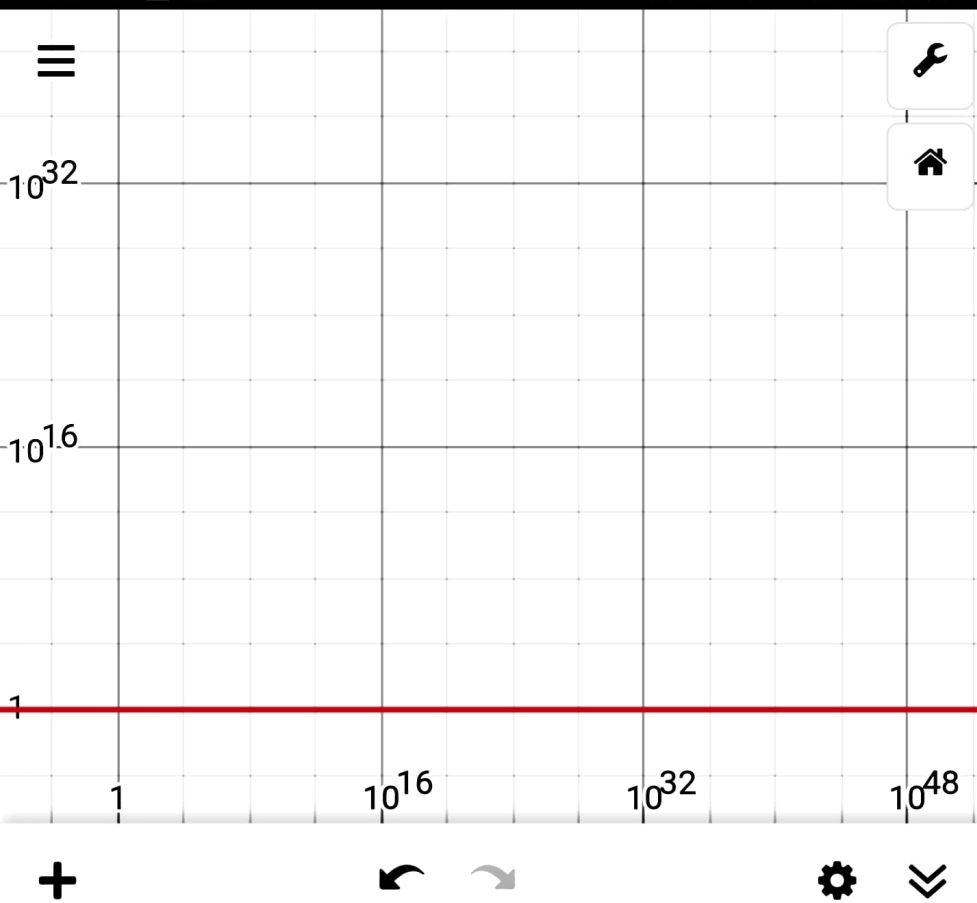
4



 $y = mx + b$ 

5


 $y = \frac{x}{m} + a$ 

6

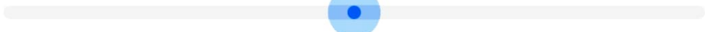






$m = 0$




-90





90




$a = 0 - b$



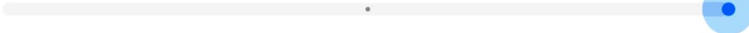
$= -1$





$b = 1$




-1





1






$y = mx + b$




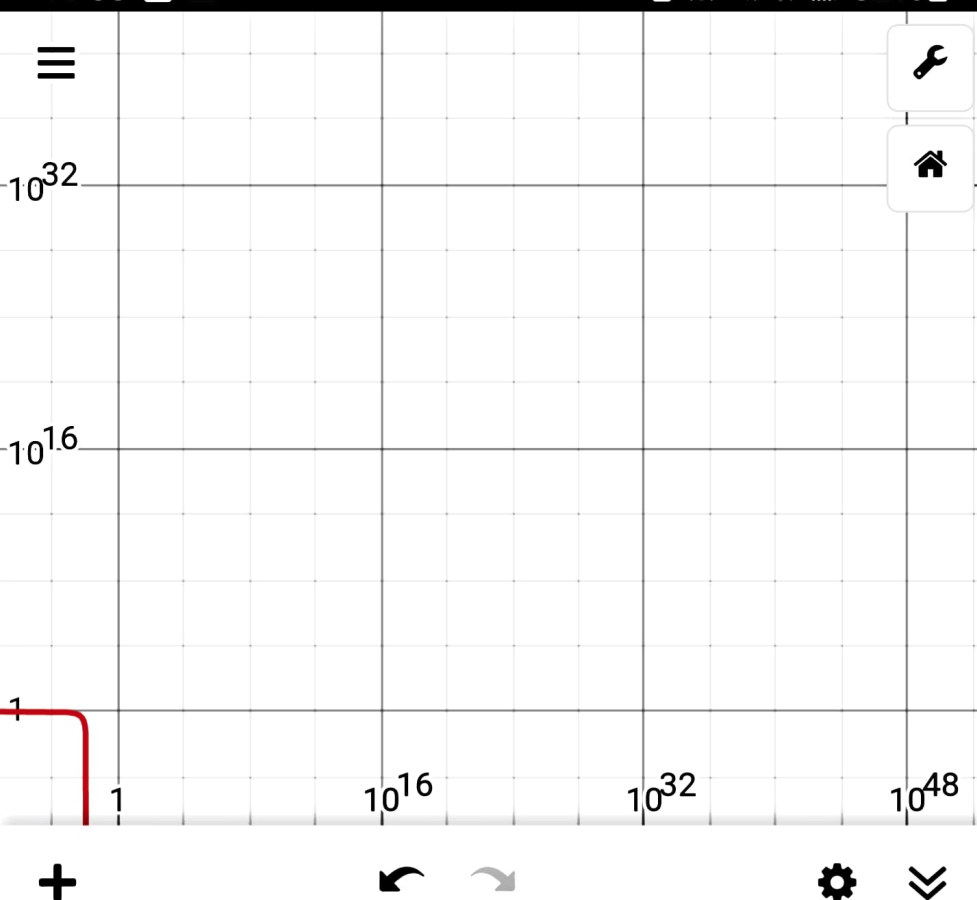


$y = \frac{x}{m} + a$













1

 $m = -90$ 




-90





90


2

$a = 0 - b$ 


$= -1$

3

 $b = 1$ 





-1





1

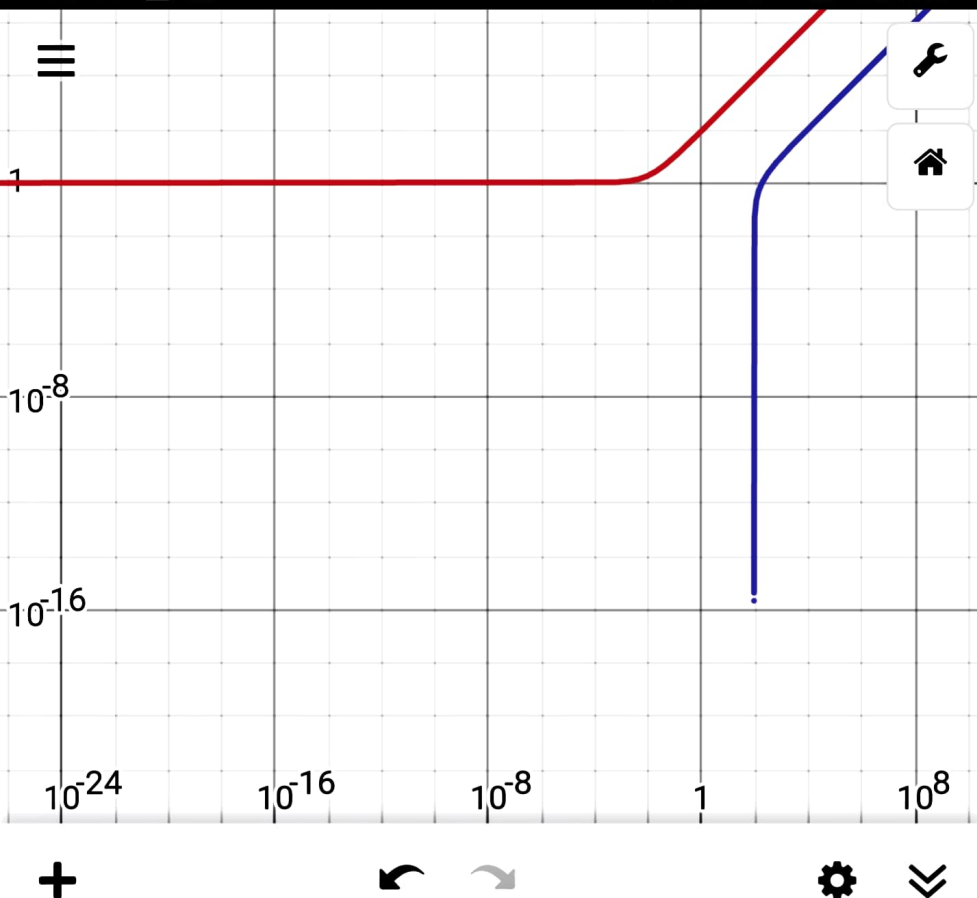
4



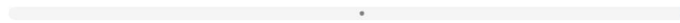
 $y = mx + b$ 


5




 $y = \frac{x}{m} + a$ 



6





1  $m = 90$ 
-90  90

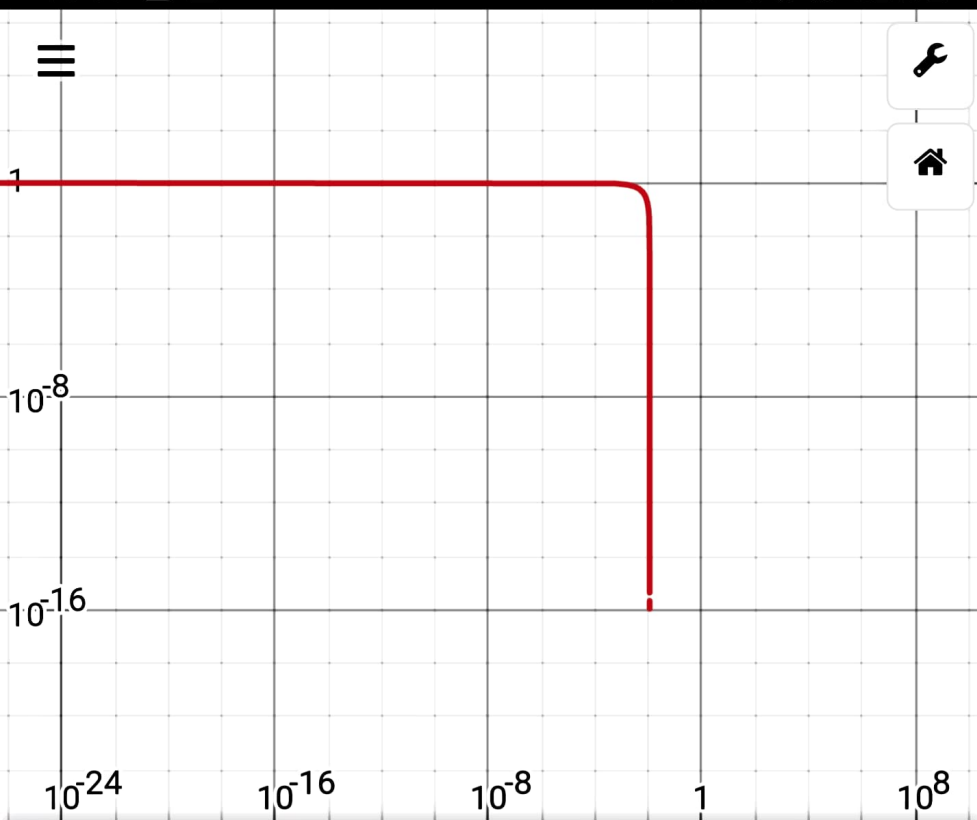
2 $a = 0 - b$ 
 $= -1$



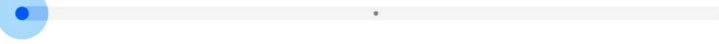


3  $b = 1$ 
-1  1









4  $y = mx + b$ 

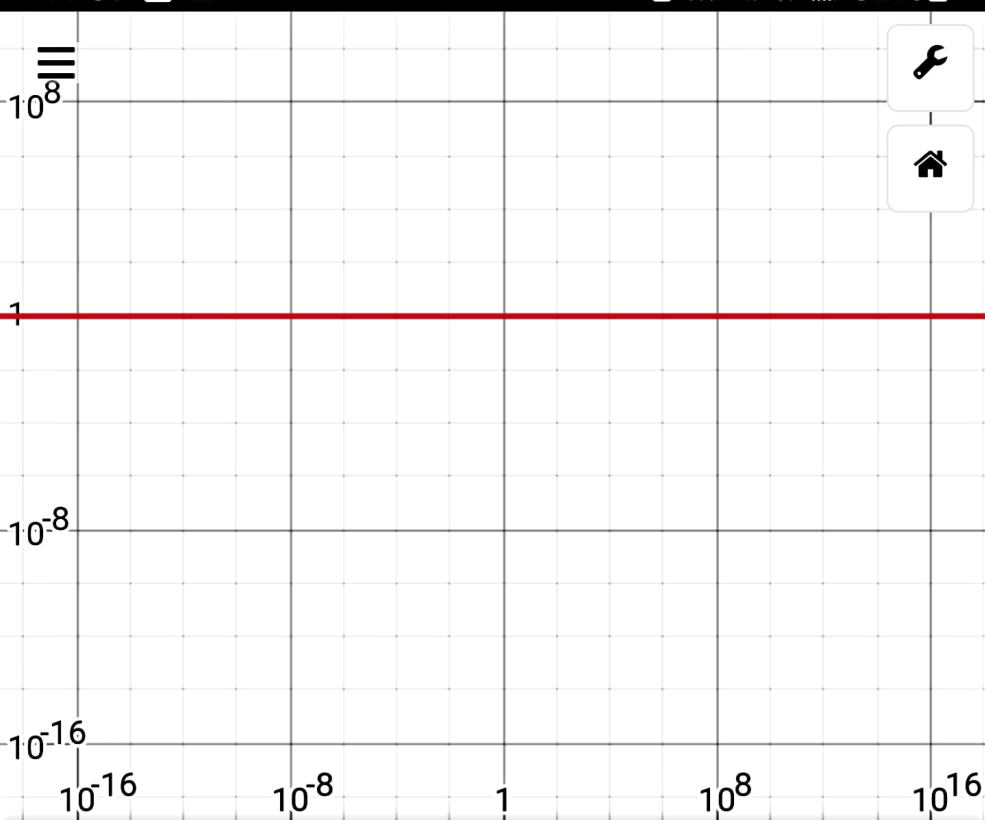
5  $y = \frac{x}{m} + a$ 

6






-  $m = -90$
 -90  90 
- $a = 0 - b$



$= -1$
-  $b = 1$
 -1  1 
-  $y = mx + b$ 
-  $y = \frac{x}{m} + a$ 
-




- 1



 $m = 0$ 




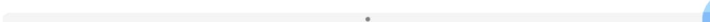
-90  90
- 2



$a = 0 - b$ 



= -1
- 3

 $b = 1$ 



-1  1
- 4

 $y = mx + b$ 
- 5

 $y = \frac{x}{m} + a$ 
- 6