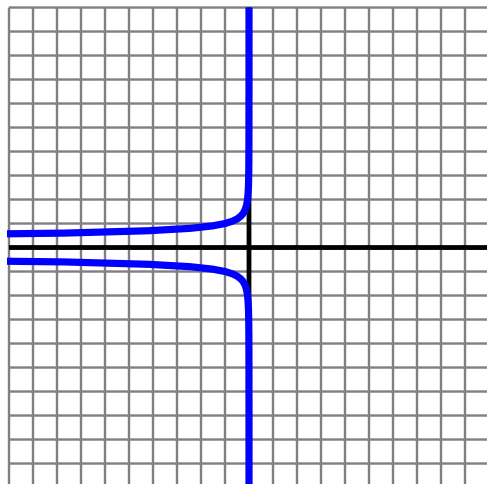




Determine if each graph shown represents a function (yes) or not (no). In the equation  $x$  represents the input and  $y$  represents the output.

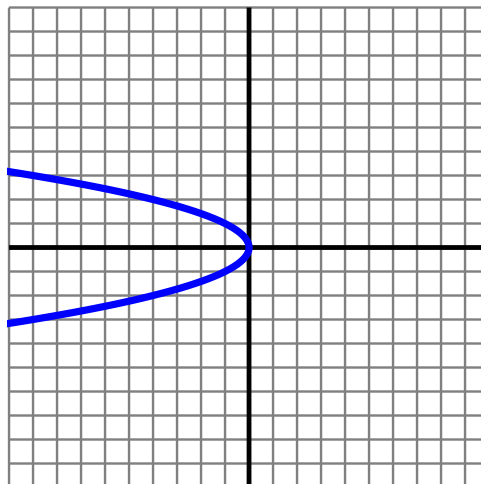
Answers

1)



$y^4 = -x$

2)



$y^2 = -x$

1. \_\_\_\_\_

2. \_\_\_\_\_

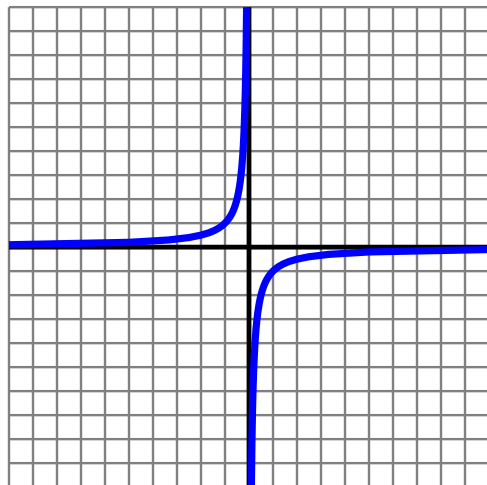
3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

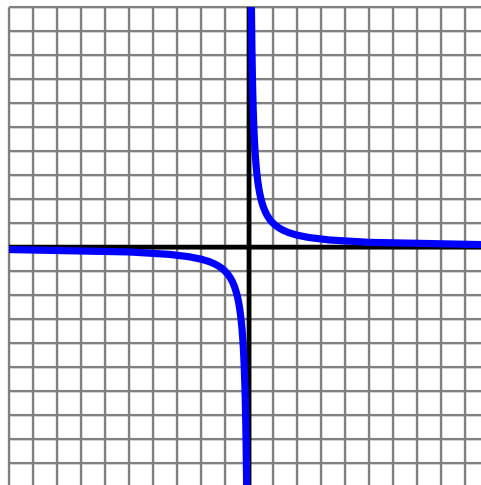
6. \_\_\_\_\_

3)



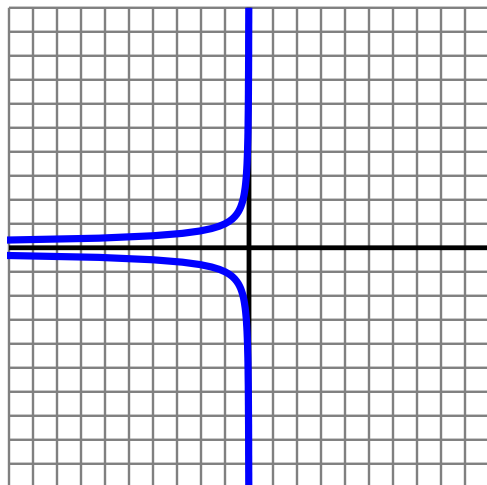
$y^{-1} = -x$

4)



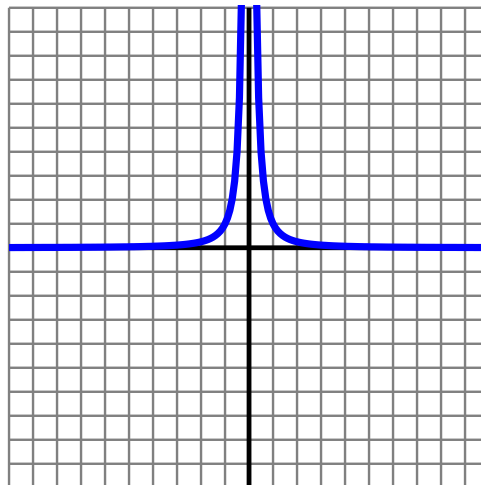
$x = y^{-1}$

5)



$y^{-2} = -x$

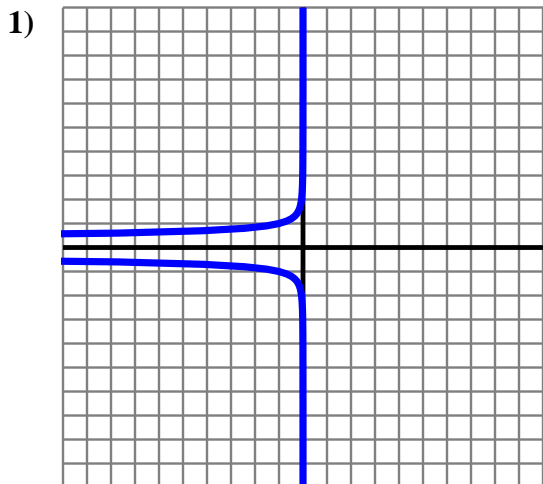
6)



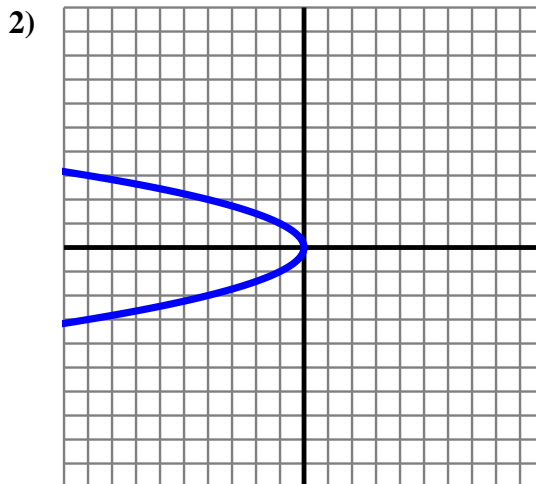
$y = x^{-2}$



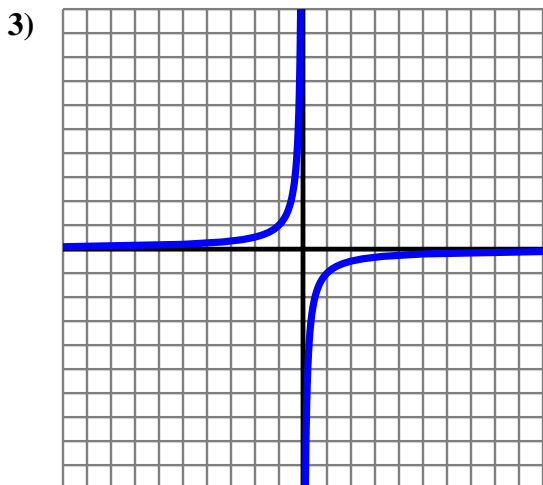
Determine if each graph shown represents a function (yes) or not (no). In the equation  $x$  represents the input and  $y$  represents the output.



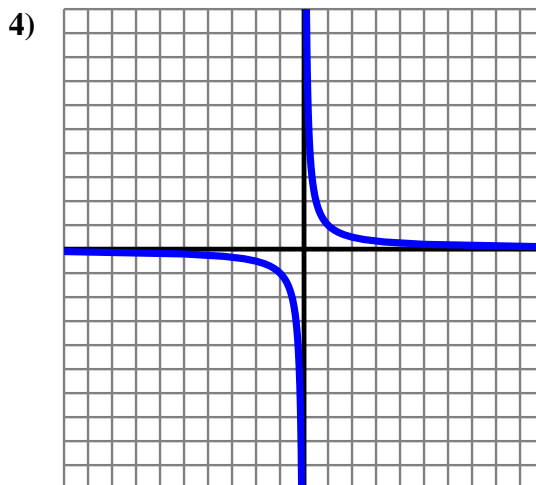
$y^4 = -x$



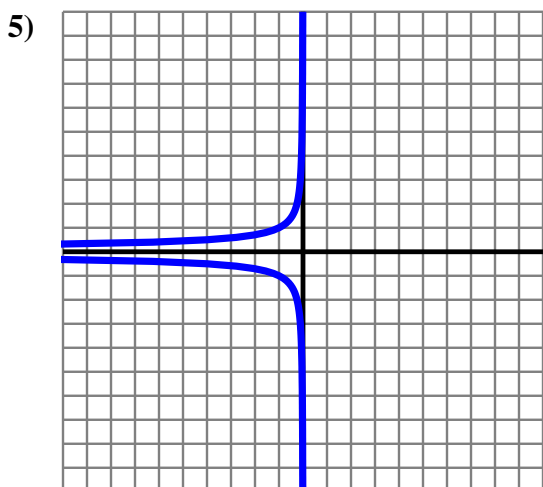
$y^2 = -x$



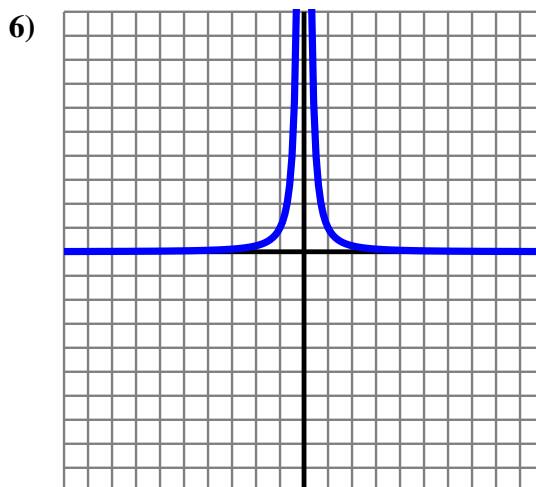
$y^{-1} = -x$



$x = y^{-1}$



$y^{-2} = -x$



$y = x^{-2}$

Answers

1. **no**

2. **no**

3. **yes**

4. **yes**

5. **no**

6. **yes**