



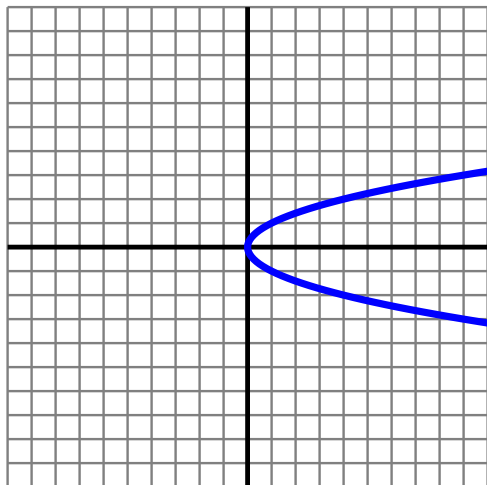
Identify Functions (Graphs)

Name: _____

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

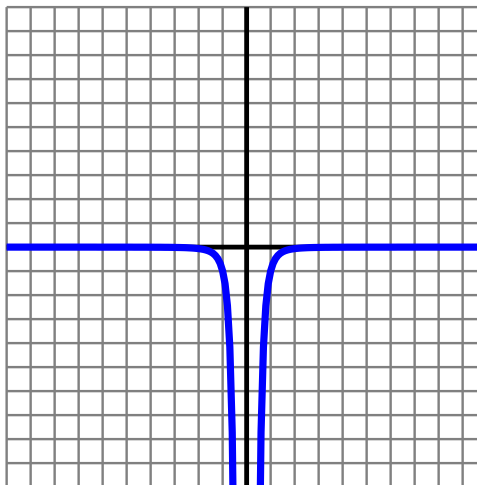
Answers

1)



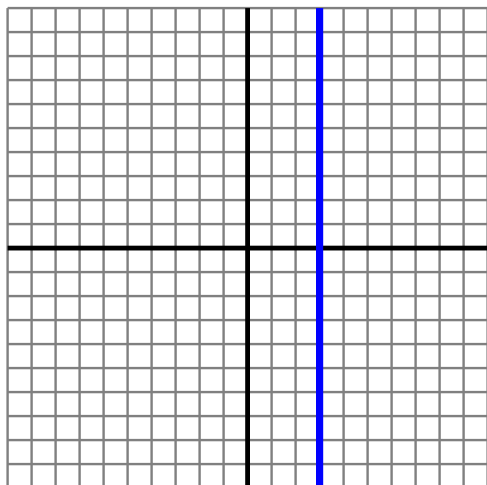
$$x = y^2$$

2)



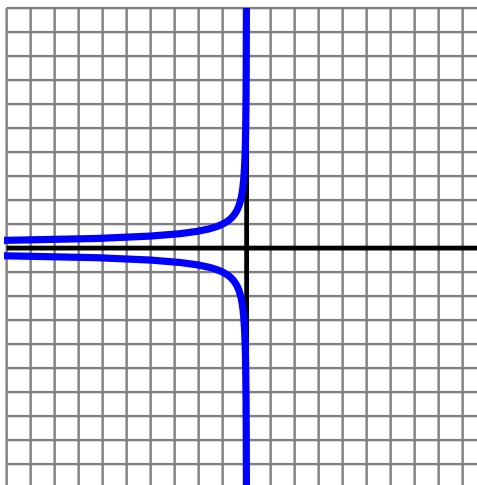
$$-y = x^{-4}$$

3)



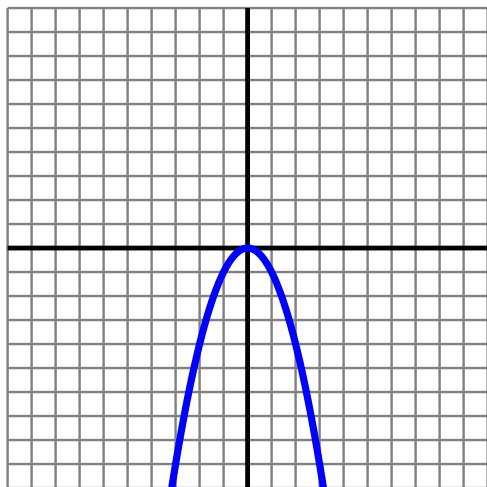
$$x = 3$$

4)



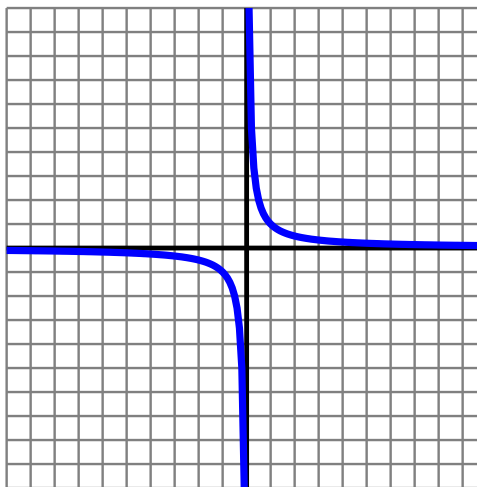
$$y^{-2} = -x$$

5)



$$-y = x^2$$

6)



$$y = x^{-1}$$

1. _____

2. _____

3. _____

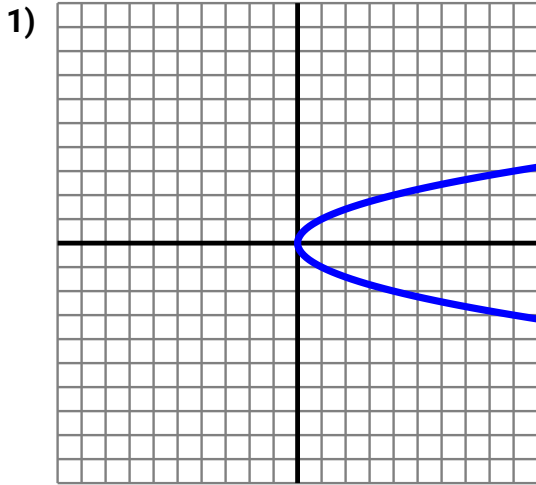
4. _____

5. _____

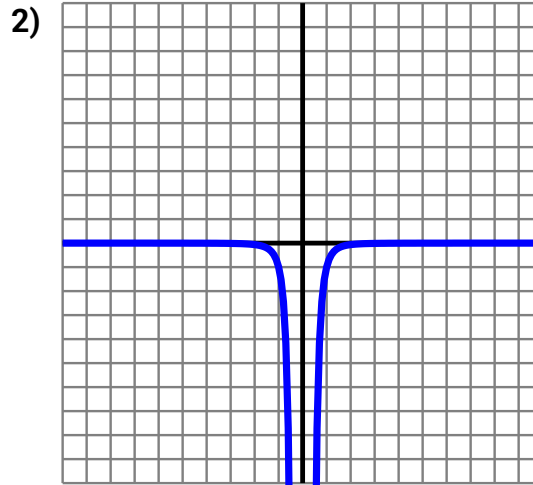
6. _____



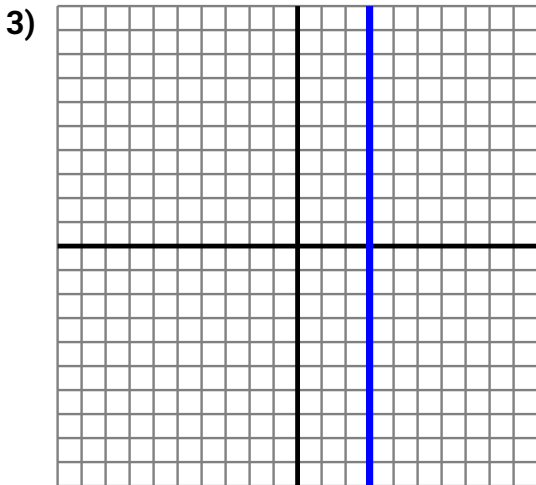
Determine if each graph shown represents a function (yes) or not (no). In the equation x represents the input and y represents the output.

Answers

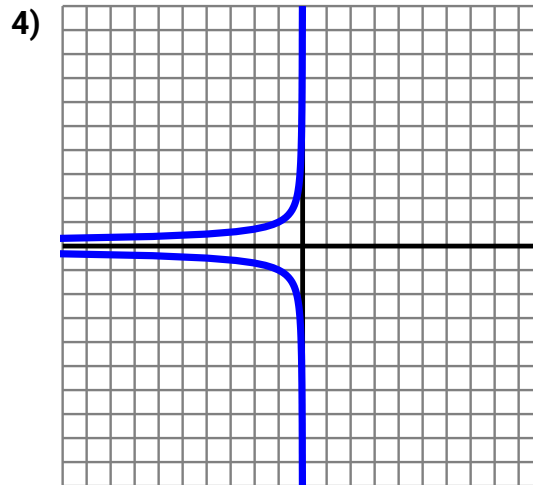
$x = y^2$



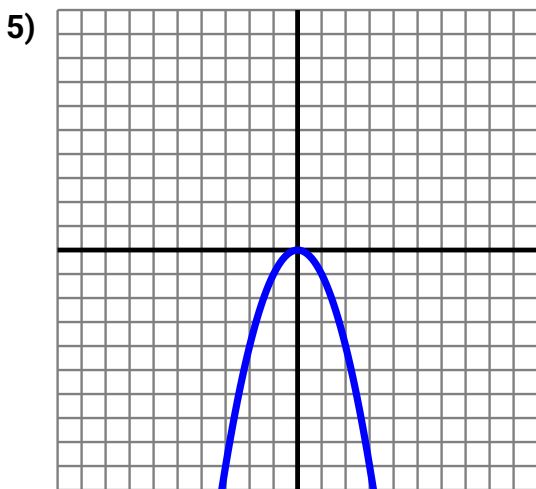
$-y = x^{-4}$



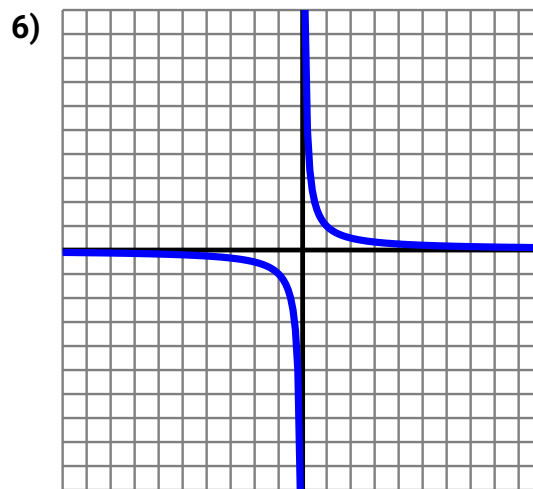
$x = 3$



$y^{-2} = -x$



$-y = x^2$



$y = x^{-1}$

1. **no**2. **yes**3. **no**4. **no**5. **yes**6. **yes**