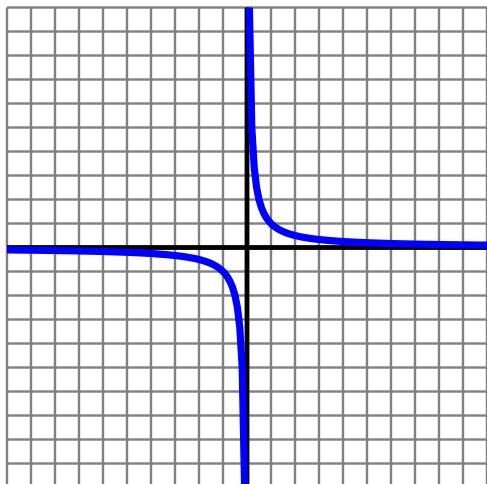




Determine if each graph shown represents a function (yes) or not (no). In the equation  $x$  represents the input and  $y$  represents the output.

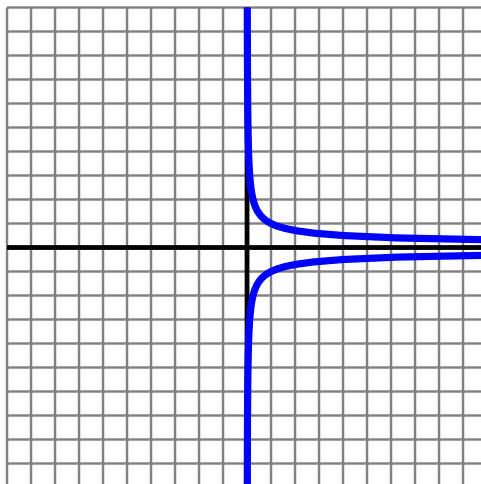
Answers

1)



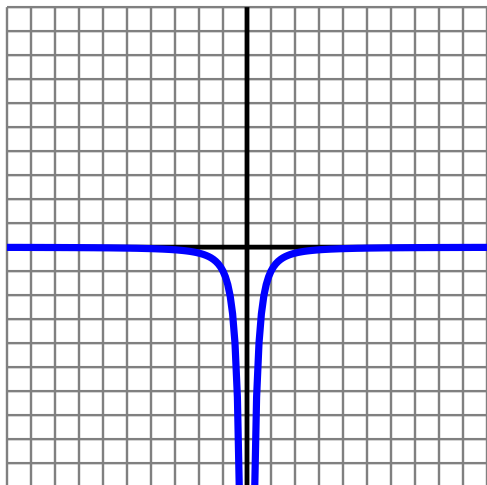
$y = x^{-1}$

2)



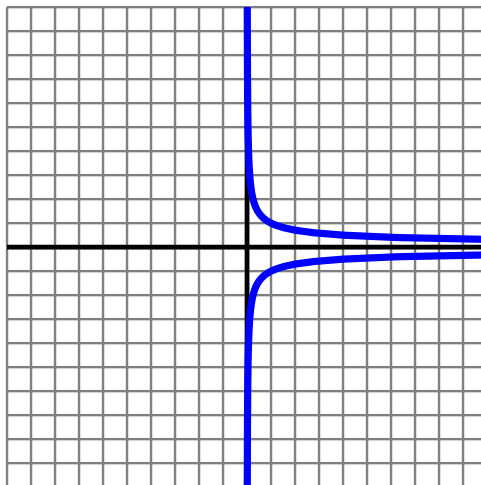
$x = \frac{1}{y^2}$

3)



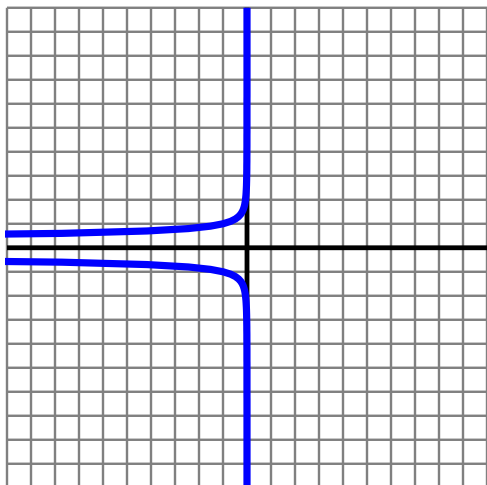
$-y = x^{-2}$

4)



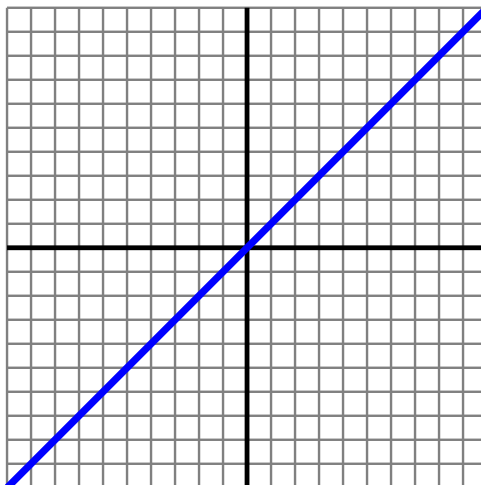
$x = y^{-2}$

5)



$y^{-4} = -x$

6)



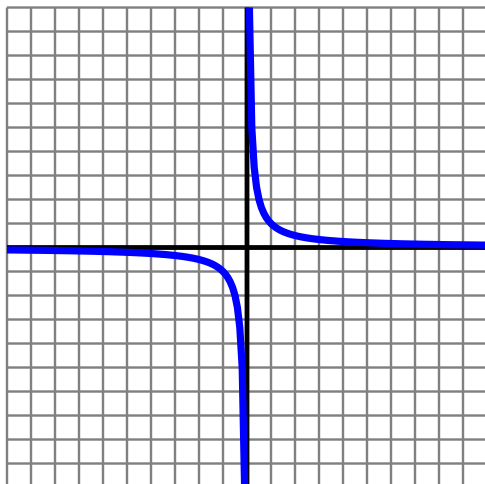
$x = y^1$

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_



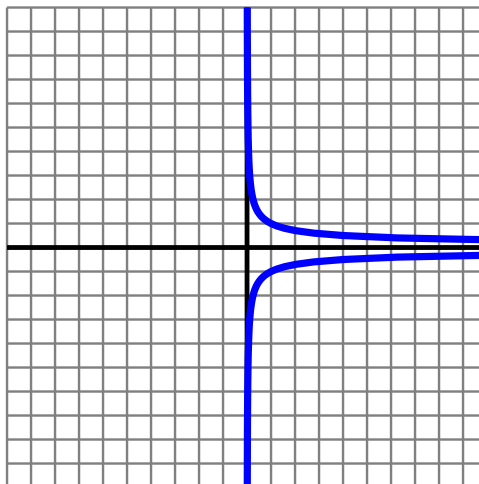
Determine if each graph shown represents a function (yes) or not (no). In the equation  $x$  represents the input and  $y$  represents the output.

1)



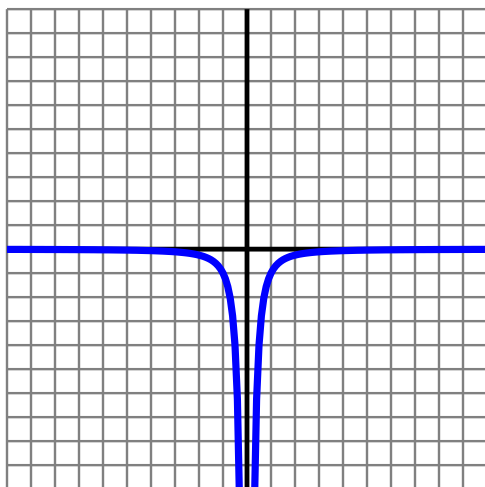
$$y = x^{-1}$$

2)



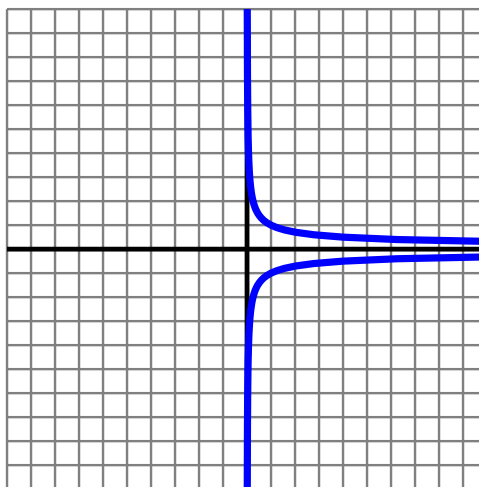
$$x = \frac{1}{y^2}$$

3)



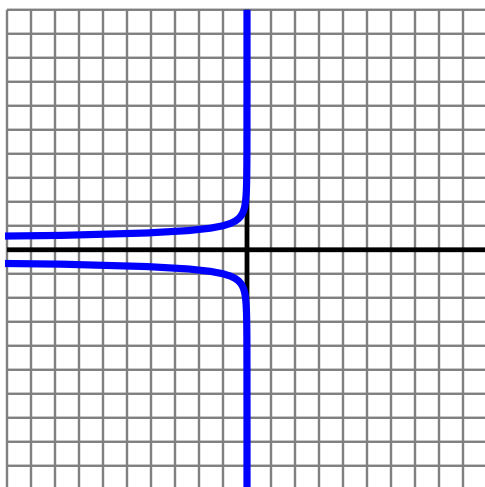
$$-y = x^{-2}$$

4)



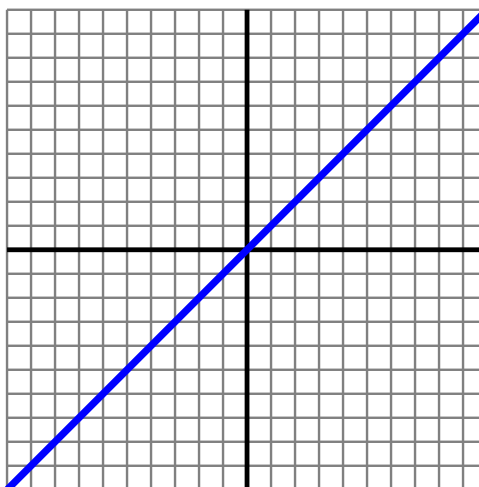
$$x = y^{-2}$$

5)



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

6)



$$x = y^1$$

Answers1. **yes**2. **no**3. **yes**4. **no**5. **no**6. **yes**