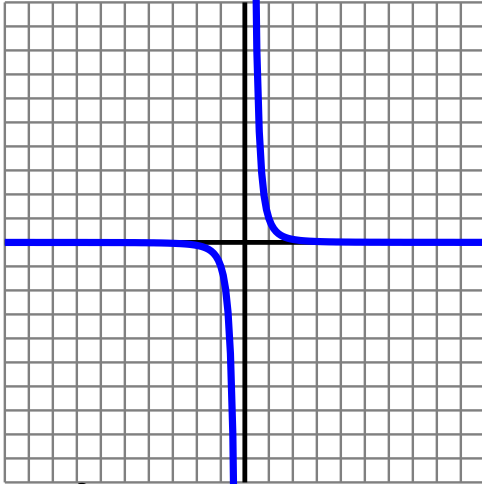




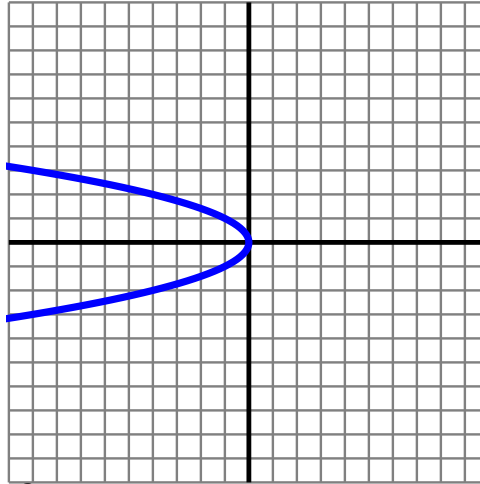
Determine if each graph shown represents a function (yes) or not (no). In the equation x represents the input and y represents the output.

1)



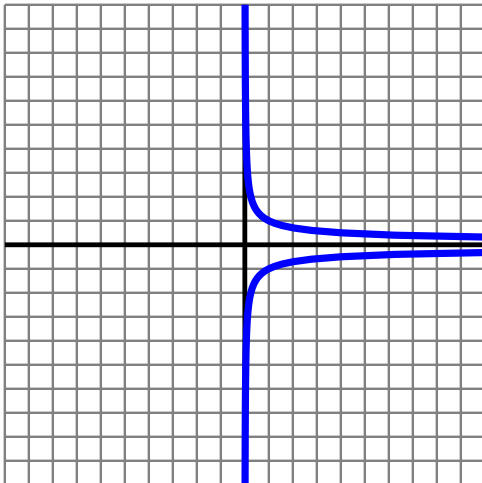
$$y = x^{-3}$$

2)



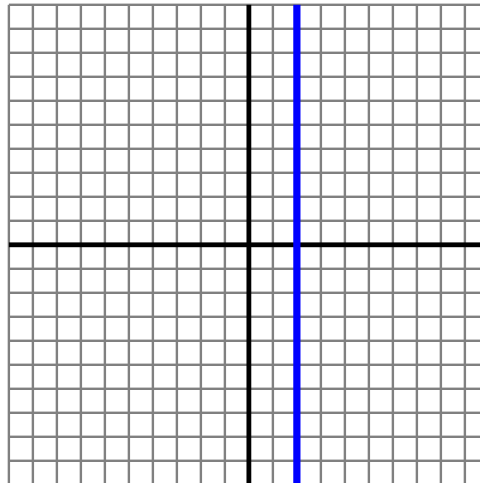
$$y^2 = -x$$

3)



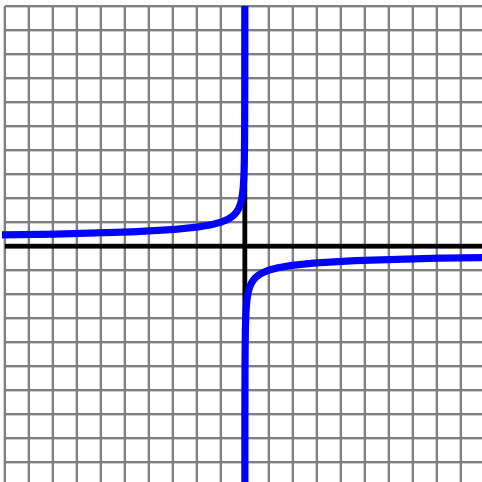
$$x = \frac{1}{y^2}$$

4)



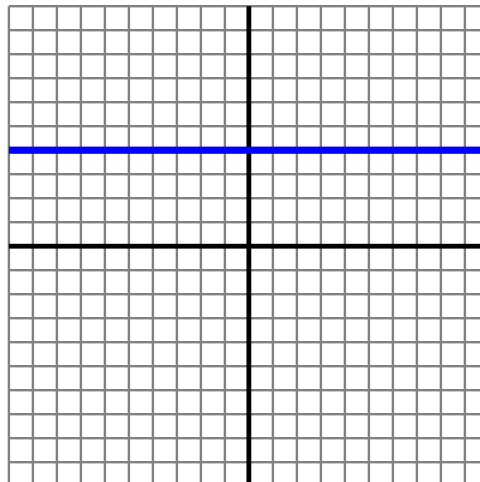
$$x = 2$$

5)



$$y^{-3} = -x$$

6)



$$y = 4$$

Answers

1. _____

2. _____

3. _____

4. _____

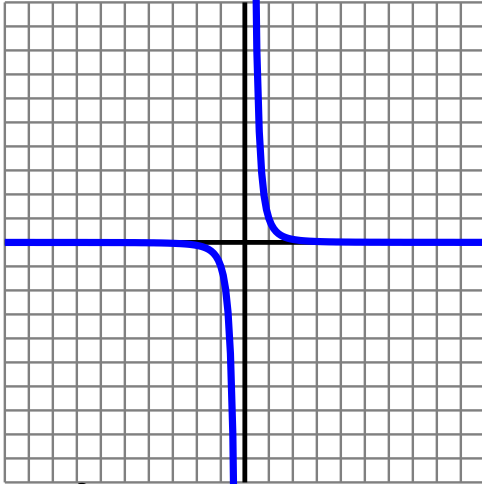
5. _____

6. _____



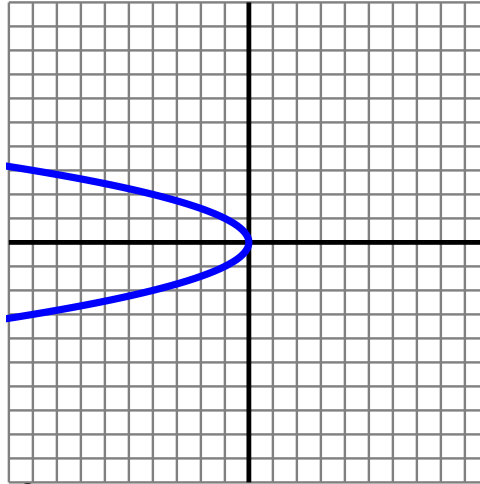
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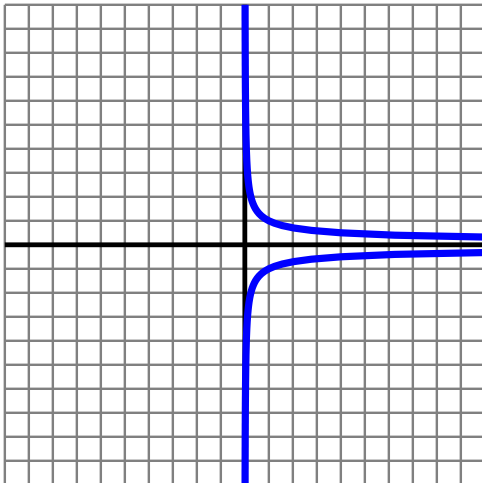
$$y = x^{-3}$$

2)



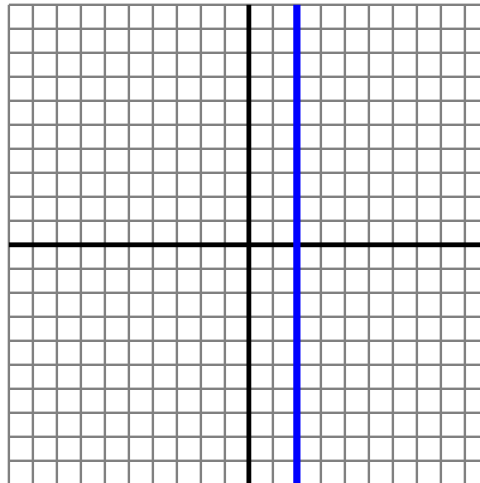
$$y^2 = -x$$

3)



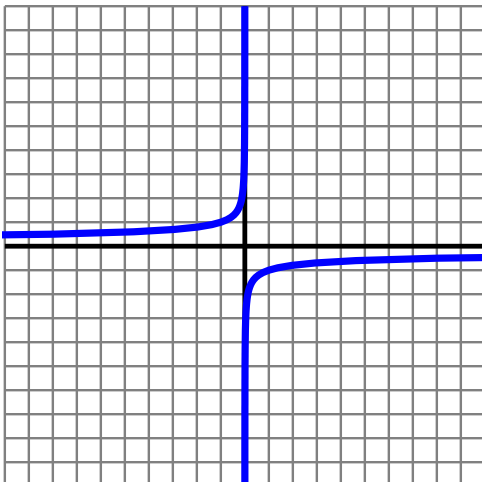
$$x = \frac{1}{y^2}$$

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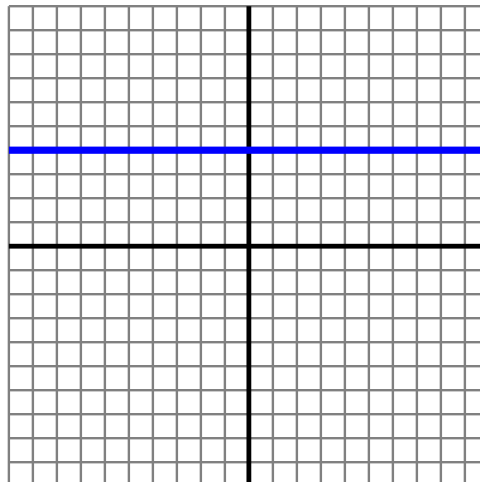
$$x = 2$$

5)



$$y^{-3} = -x$$

6)



$$y = 4$$

Answers

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