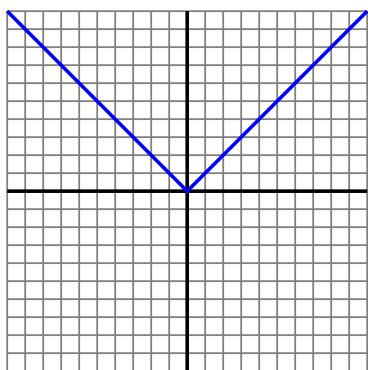




Determine if the graph shown represents a linear function (yes) or not (no).

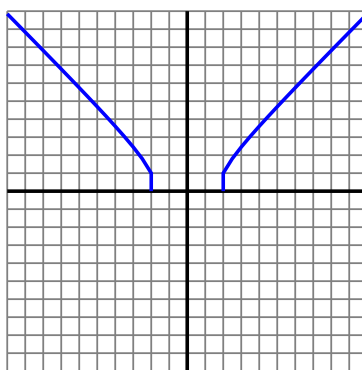
Answers

1)



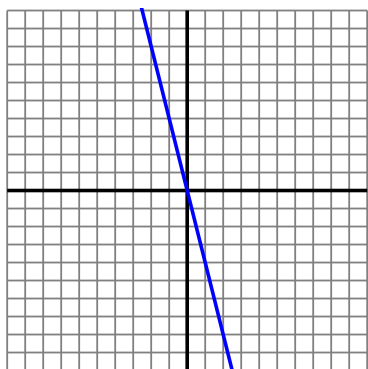
$$Y = \sqrt{X^2}$$

2)



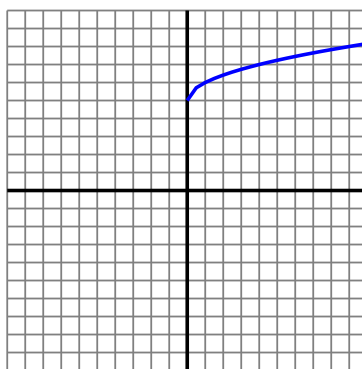
$$Y = \sqrt{X^2 - 3}$$

3)



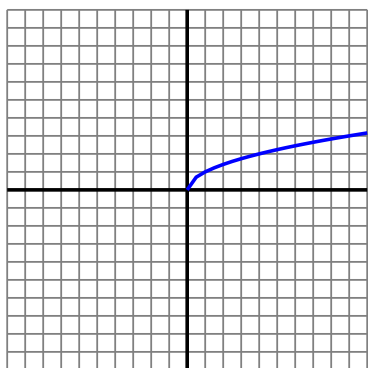
$$Y = -X \times 4$$

4)



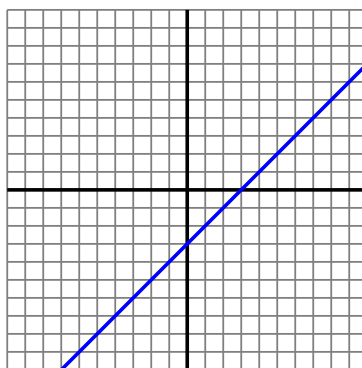
$$Y = \sqrt{X} + 5$$

5)



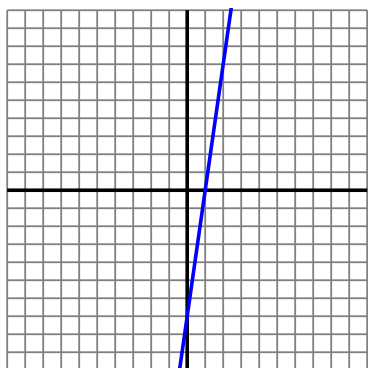
$$Y = \sqrt{X}$$

6)



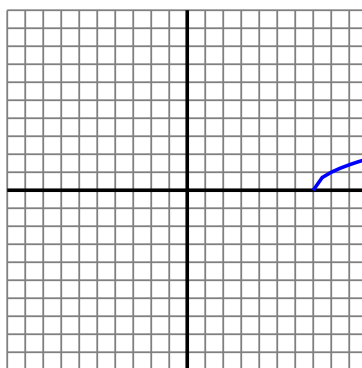
$$Y = X - 3$$

7)



$$Y = 8 \times X - (X + 7)$$

8)



$$Y = \sqrt{X - 7}$$

1. _____

2. _____

3. _____

4. _____

5. _____

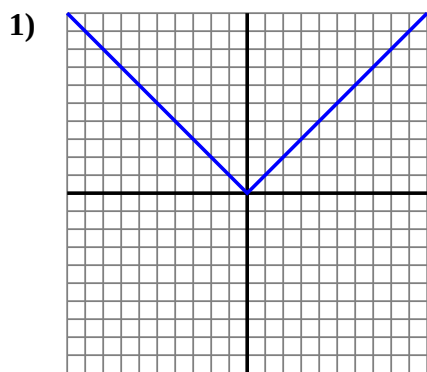
6. _____

7. _____

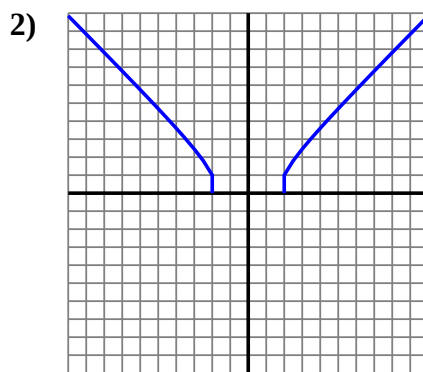
8. _____



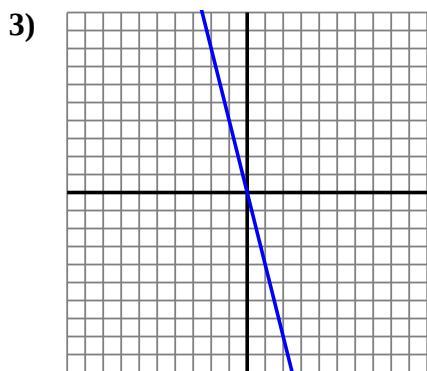
Determine if the graph shown represents a linear function (yes) or not (no).



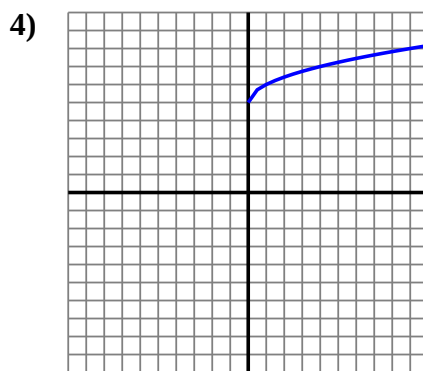
$$Y = \sqrt{X^2}$$



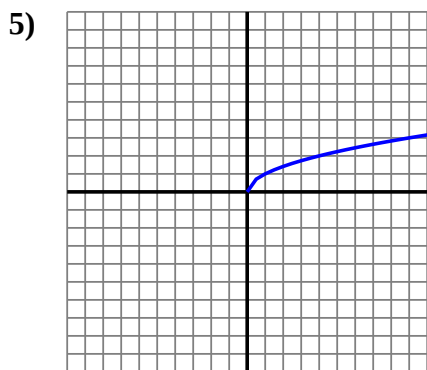
$$Y = \sqrt{X^2 - 3}$$



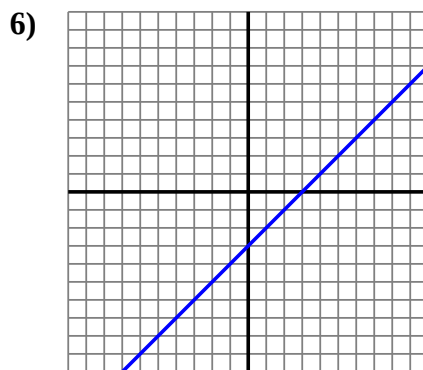
$$Y = -X \times 4$$



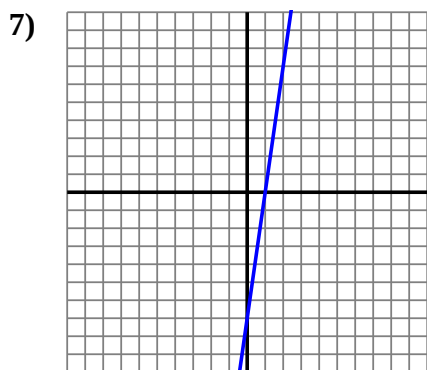
$$Y = \sqrt{X} + 5$$



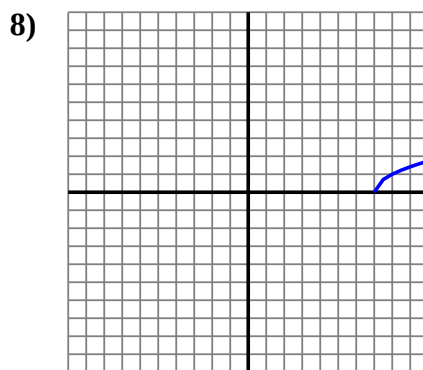
$$Y = \sqrt{X}$$



$$Y = X - 3$$



$$Y = 8 \times X - (X + 7)$$



$$Y = \sqrt{X - 7}$$

Answers

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