



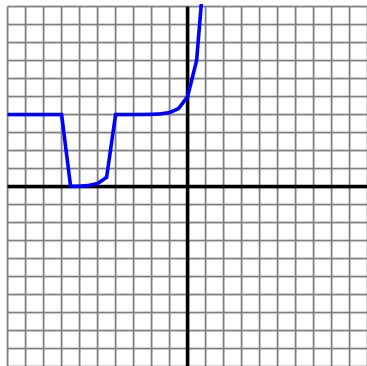
Identify Linear Functions (Graphs)

Name: _____

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

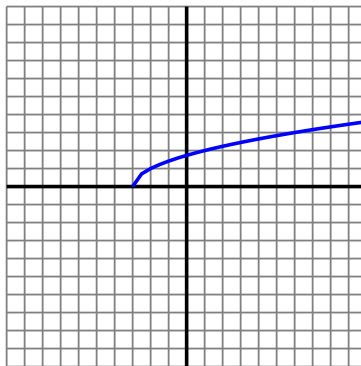
Answers

1)



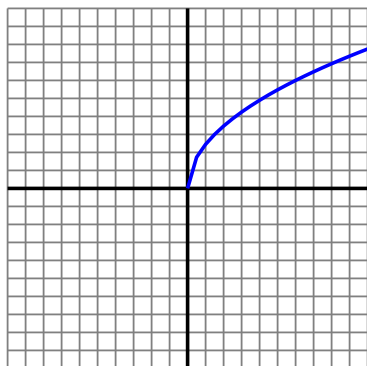
$$Y=9^x+4$$

2)



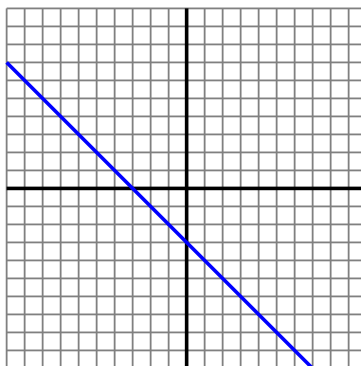
$$Y=\sqrt{X+3}$$

3)



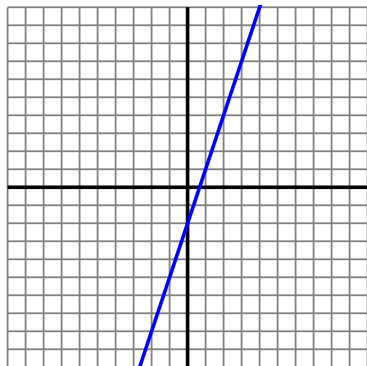
$$Y=\sqrt{X \times 6}$$

4)



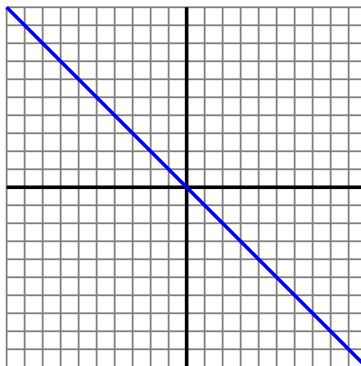
$$Y=-X-3$$

5)



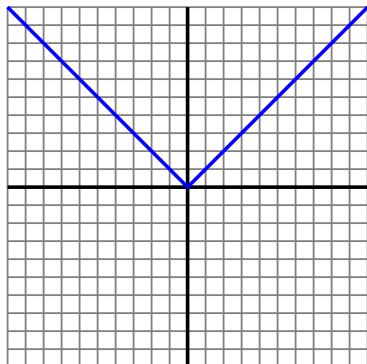
$$Y=4 \times X-(X+2)$$

6)



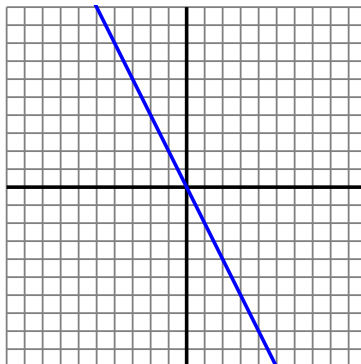
$$Y=-X$$

7)



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

8)



$$Y=-X \times 2$$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

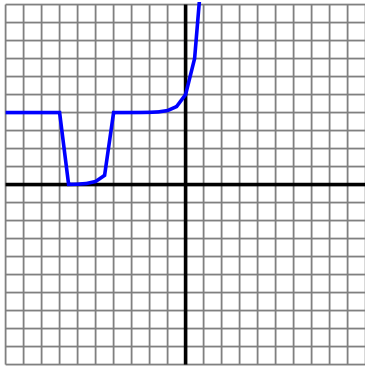


Identify Linear Functions (Graphs)

Name: **Answer Key**

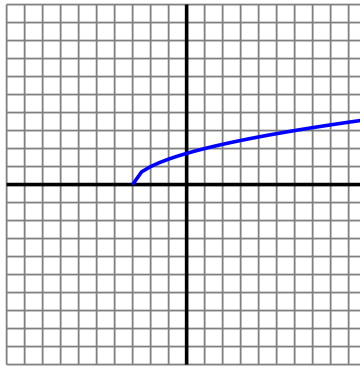
Determine if the graph shown represents a linear function (yes) or not (no).

1)



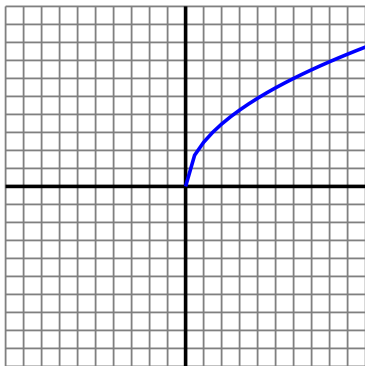
$$Y=9^x+4$$

2)



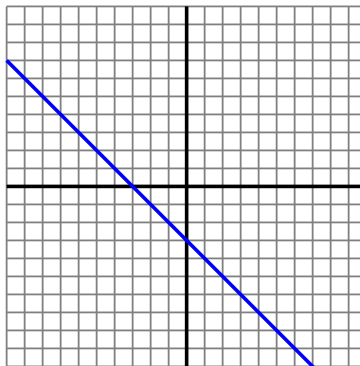
$$Y=\sqrt{X+3}$$

3)



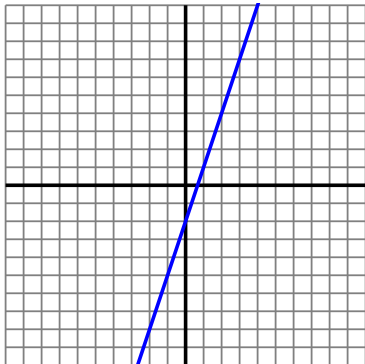
$$Y=\sqrt{X \times 6}$$

4)



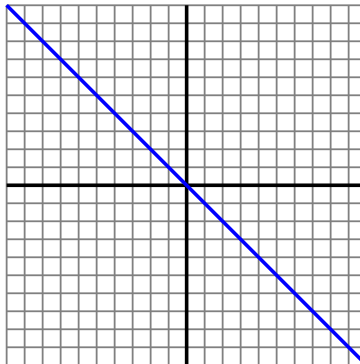
$$Y=-X-3$$

5)



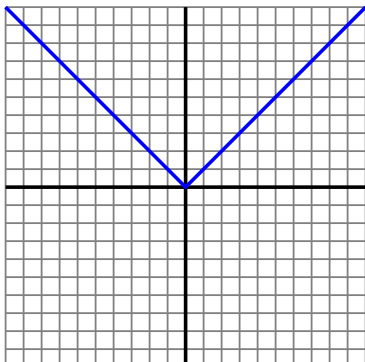
$$Y=4 \times X-(X+2)$$

6)



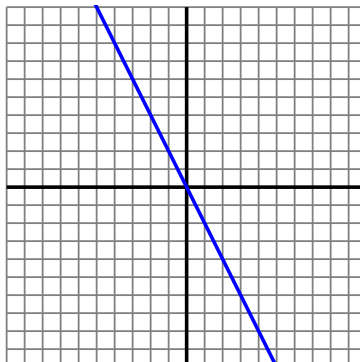
$$Y=-X$$

7)



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

8)



$$Y=-X \times 2$$

Answers

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