



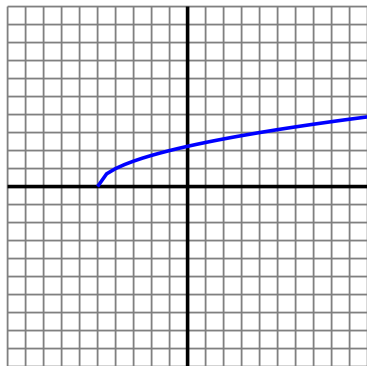
Identify Linear Functions (Graphs)

Name: _____

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

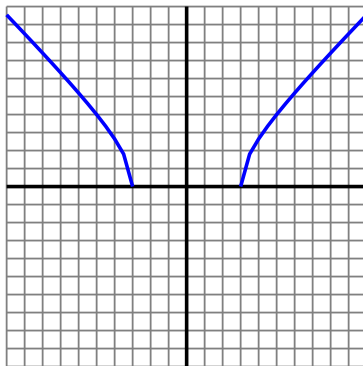
Answers

1)



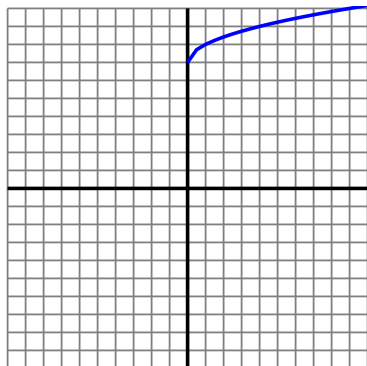
$$Y = \sqrt{X+5}$$

2)



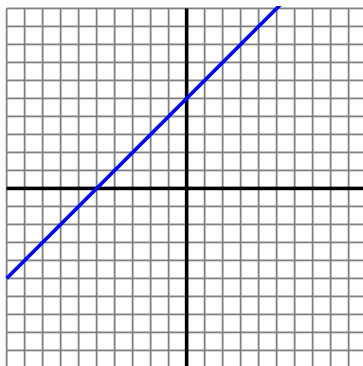
$$Y = \sqrt{X^2 - 9}$$

3)



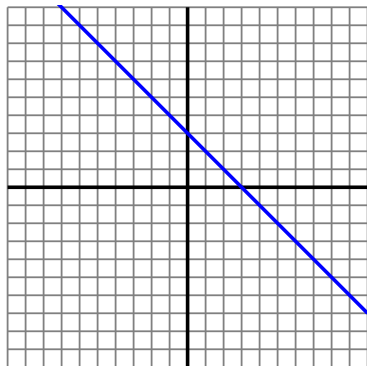
$$Y = \sqrt{X} + 7$$

4)



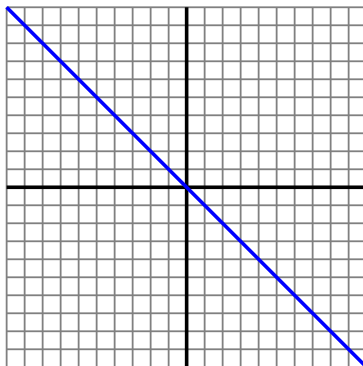
$$Y = 5 + X$$

5)



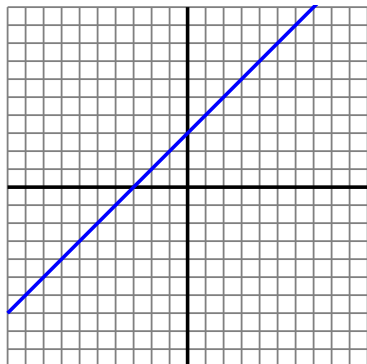
$$Y = -X + 3$$

6)



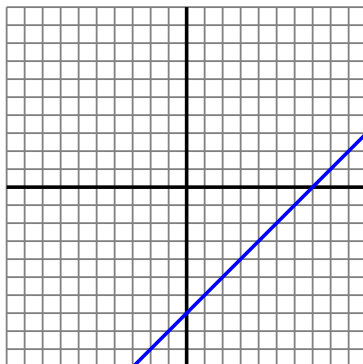
$$Y = -X$$

7)



$$Y = X + 3$$

8)



$$Y = X - 7$$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

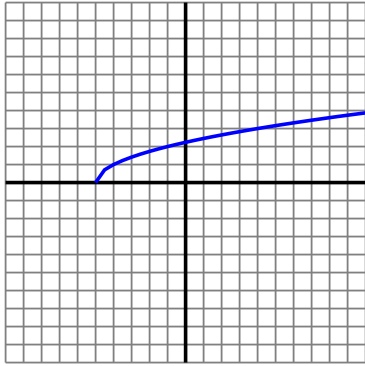


Identify Linear Functions (Graphs)

Name: **Answer Key**

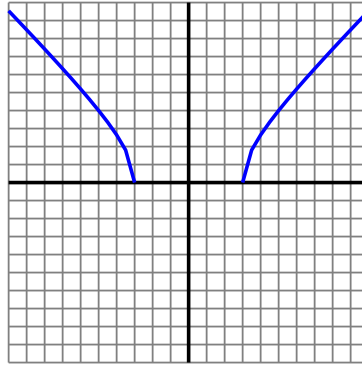
Determine if the graph shown represents a linear function (yes) or not (no).

1)



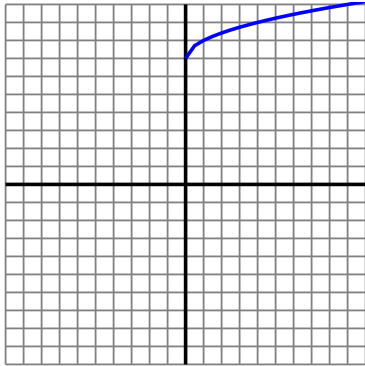
$$Y = \sqrt{X+5}$$

2)



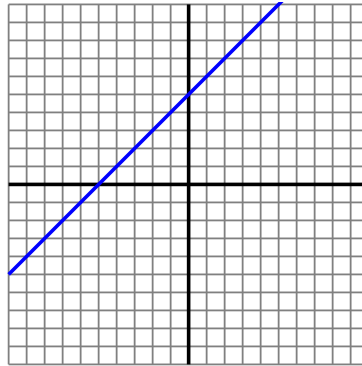
$$Y = \sqrt{X^2 - 9}$$

3)



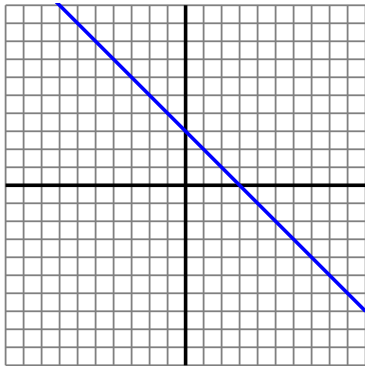
$$Y = \sqrt{X} + 7$$

4)



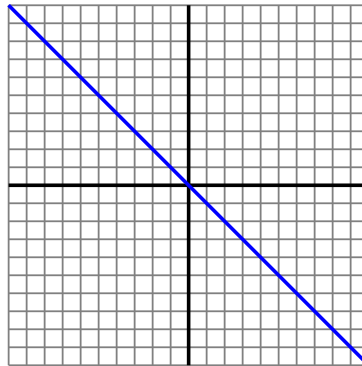
$$Y = 5 + X$$

5)



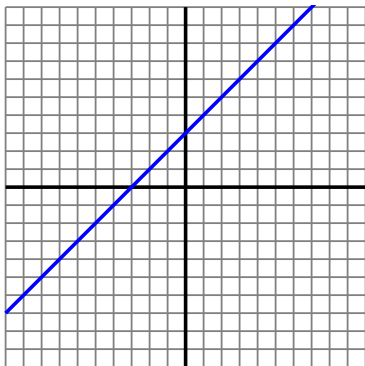
$$Y = -X + 3$$

6)



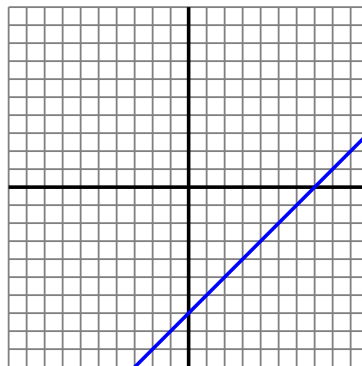
$$Y = -X$$

7)



$$Y = X + 3$$

8)



$$Y = X - 7$$

Answers

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