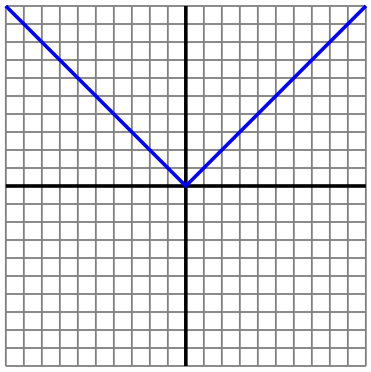
Identify Linear Functions (Graphs) Name:

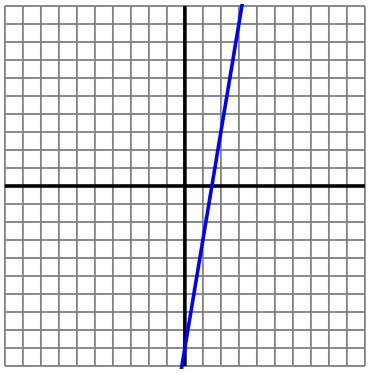
Determine if each graph shown represents a linear function (yes) or not (no).

1)



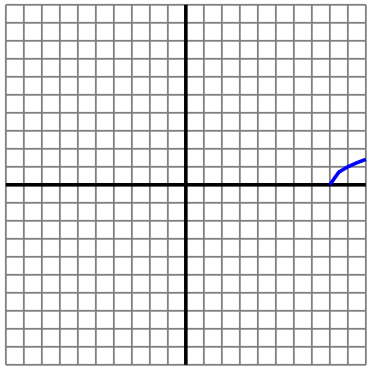
$Y=\sqrt{X^2}$

2)



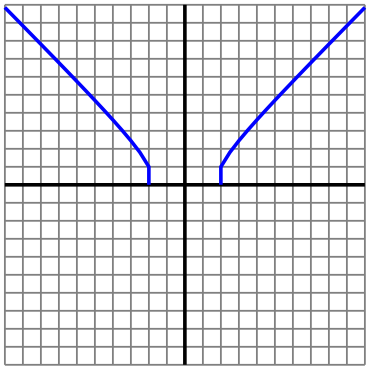
$Y=7\times X-(X+9)$

3)



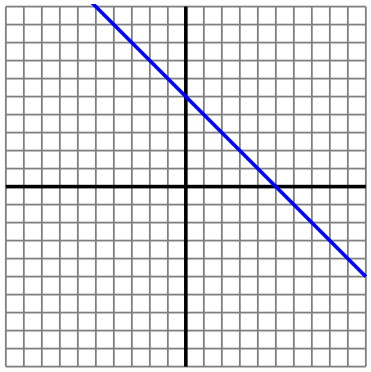
$Y=\sqrt{X-8}$

4)



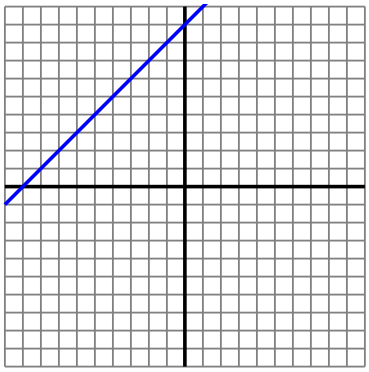
$Y=\sqrt{X^2-3}$

5)



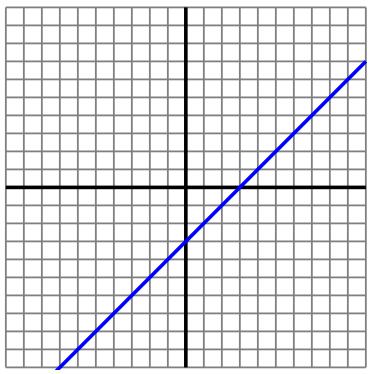
$Y=5-X$

6)



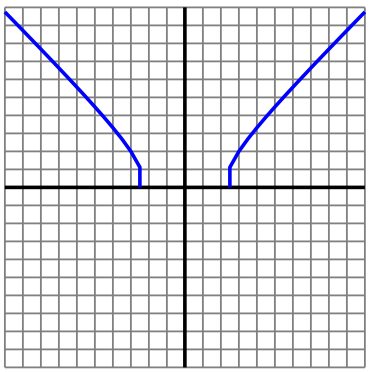
$Y=X+9$

7)



$Y=X-3$

8)



$Y=\sqrt{X^2-5}$

Answers

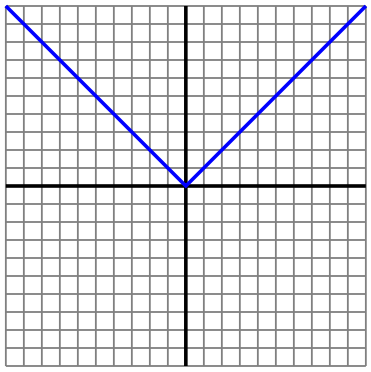
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

1-8	88	75	63	50	38	25	13	0

Identify Linear Functions (Graphs) Name: **Answer Key**

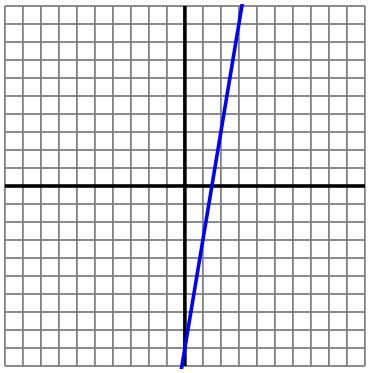
Determine if each graph shown represents a linear function (yes) or not (no).

1)



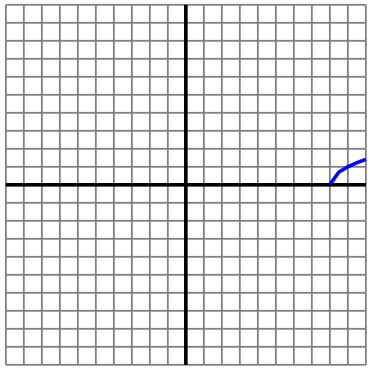
$Y=\sqrt{X^2}$

2)



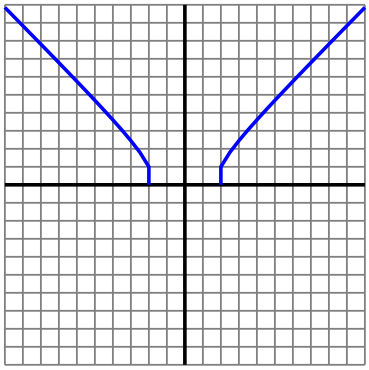
$Y=7\times X-(X+9)$

3)



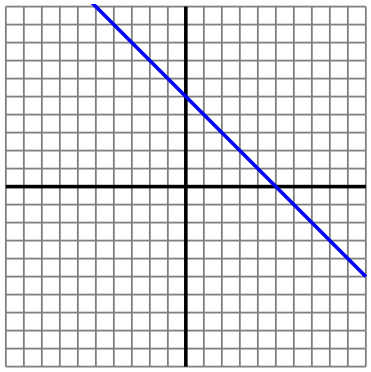
$Y=\sqrt{X-8}$

4)



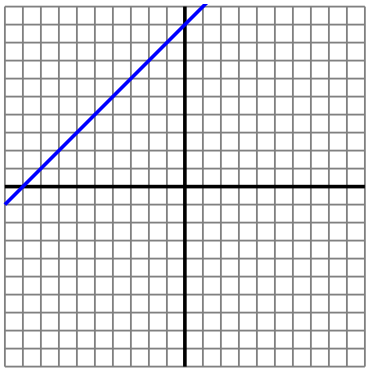
$Y=\sqrt{X^2-3}$

5)



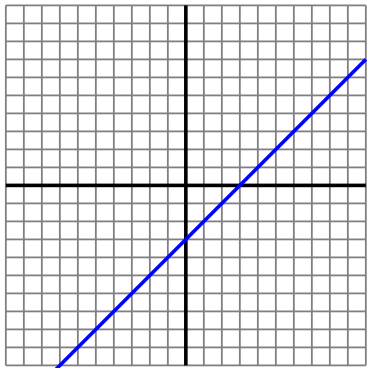
$Y=5-X$

6)



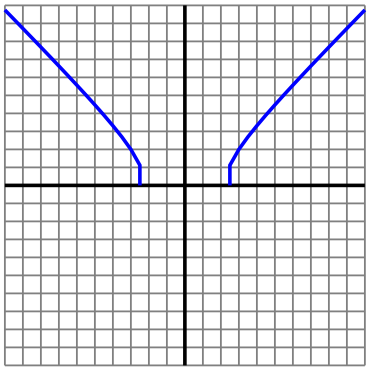
$Y=X+9$

7)



$Y=X-3$

8)



$Y=\sqrt{X^2-5}$

Answers

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

1-8	88	75	63	50	38	25	13	0