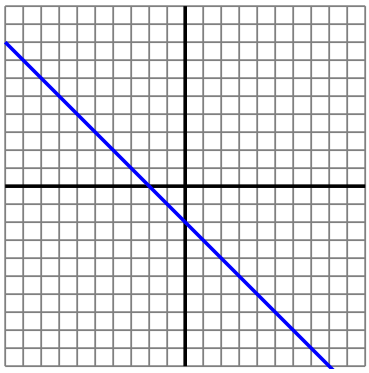
Identify Linear Functions (Graphs) Name:

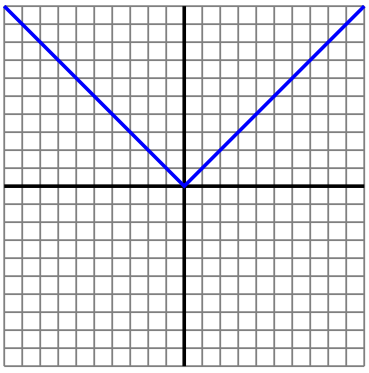
Determine if the graph shown represents a linear function (yes) or not (no).

1)



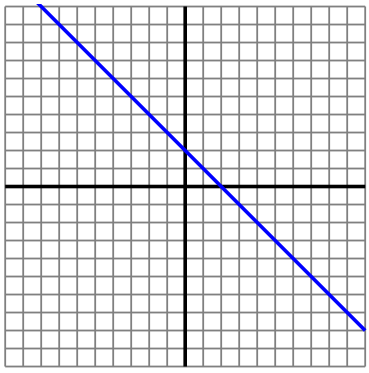
Y=-X-2

2)



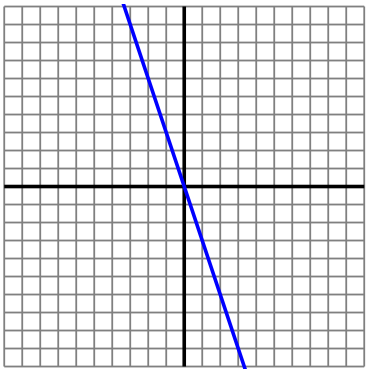
Y= $\sqrt{X^2}$

3)



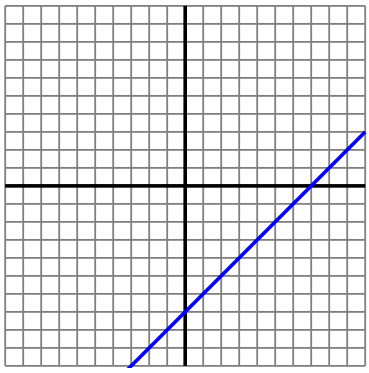
Y=-X+2

4)



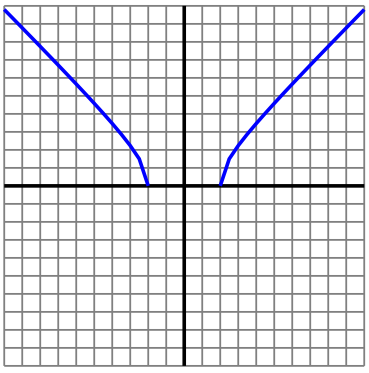
Y=-X×3

5)



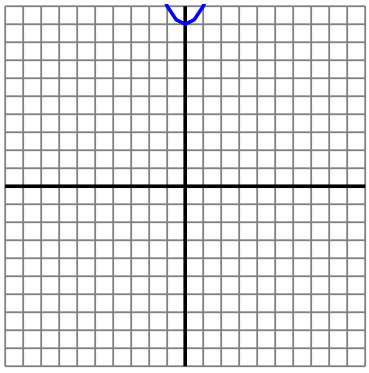
Y=2×X-(X+7)

6)



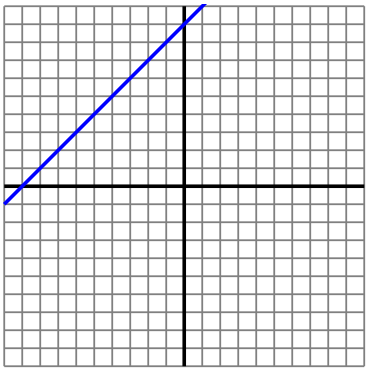
Y= $\sqrt{X^2-4}$

7)



Y=X^2+9

8)



Y=9+X

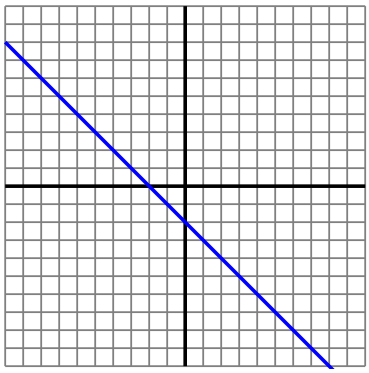
Answers

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

1-8	88	75	63	50	38	25	13	0

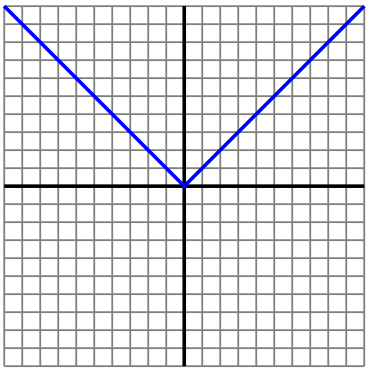
Determine if the graph shown represents a linear function (yes) or not (no).

1)



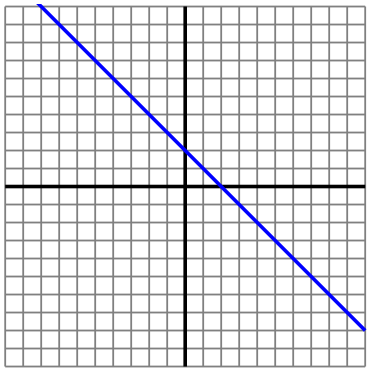
Y=-X-2

2)



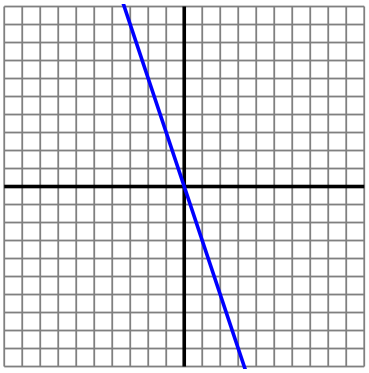
Y= $\sqrt{X^2}$

3)



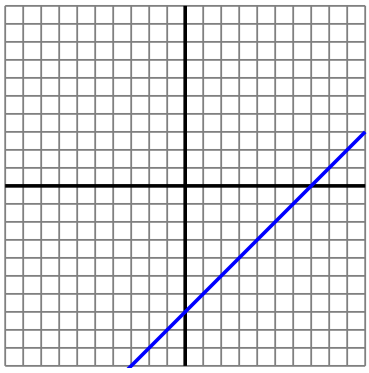
Y=-X+2

4)



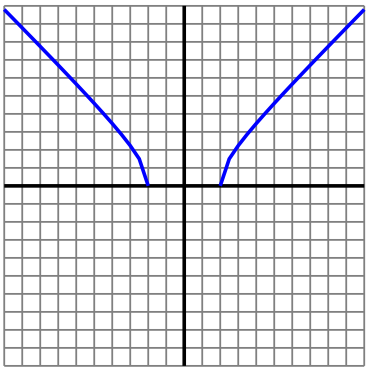
Y=-X×3

5)



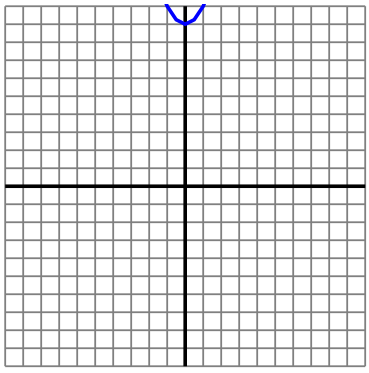
Y=2×X-(X+7)

6)



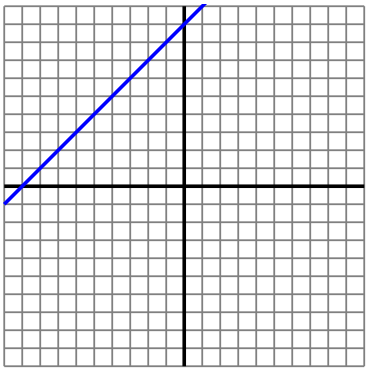
Y= $\sqrt{X^2-4}$

7)



Y=X^2+9

8)



Y=9+X

Answers

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

1-8	88	75	63	50	38	25	13	0