



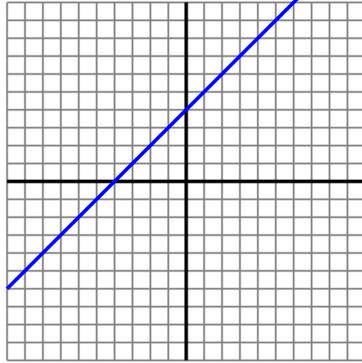
Identify Linear Functions (Graphs)

Name: _____

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

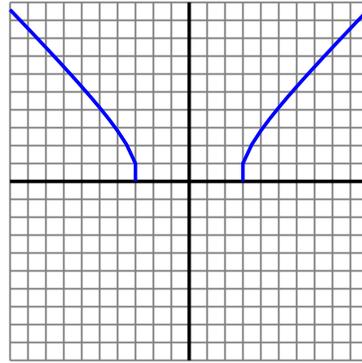
Answers

1)



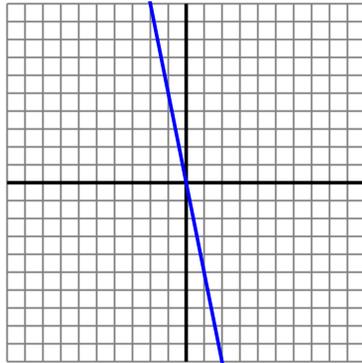
$$Y=X+4$$

2)



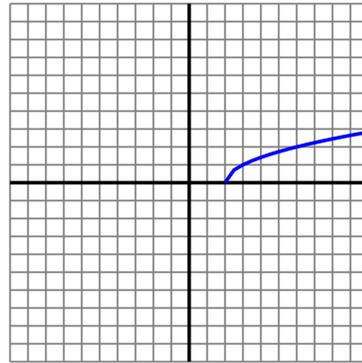
$$Y= \sqrt{X^2-8}$$

3)



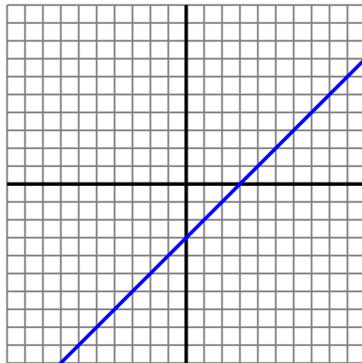
$$Y=-X \times 5$$

4)



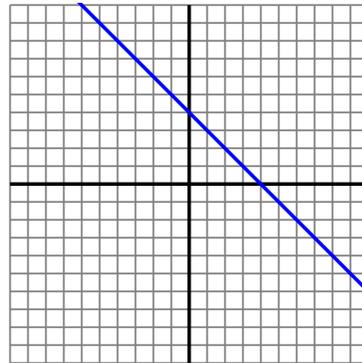
$$Y=\sqrt{X-2}$$

5)



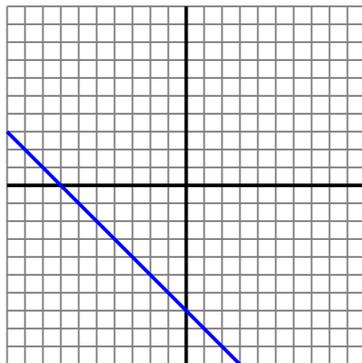
$$Y=X-3$$

6)



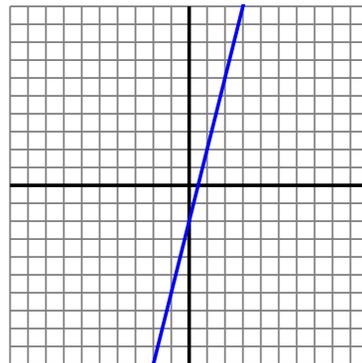
$$Y=-X+4$$

7)



$$Y=-X-7$$

8)



$$Y=5 \times X-(X+2)$$

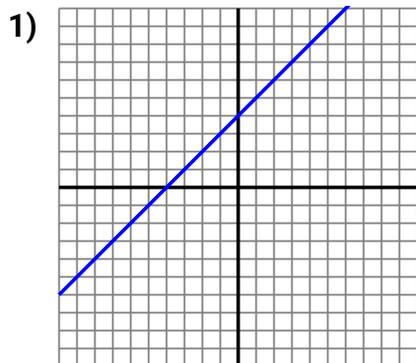
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



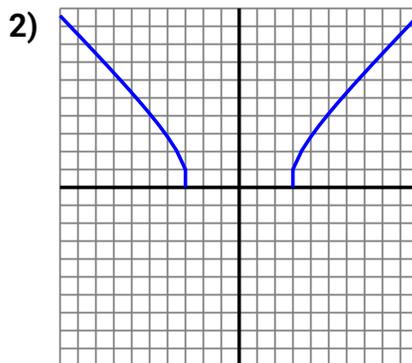
Identify Linear Functions (Graphs)

Name: **Answer Key**

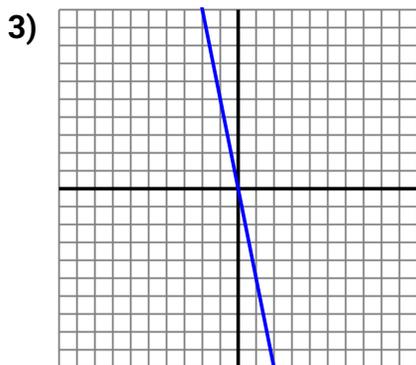
Determine if the graph shown represents a linear function (yes) or not (no).



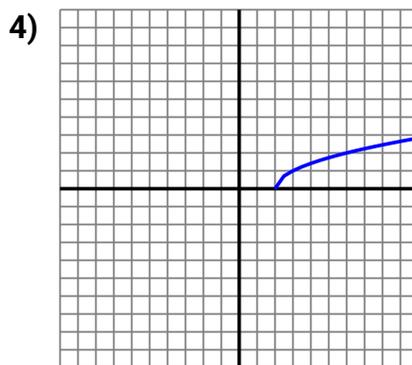
$$Y=X+4$$



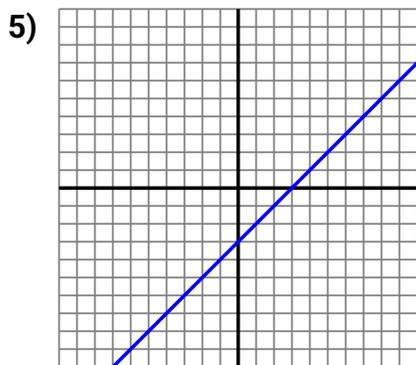
$$Y= \sqrt{X^2-8}$$



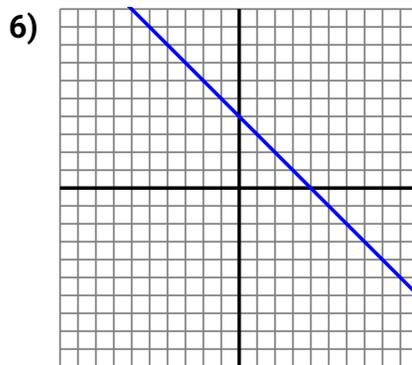
$$Y=-X \times 5$$



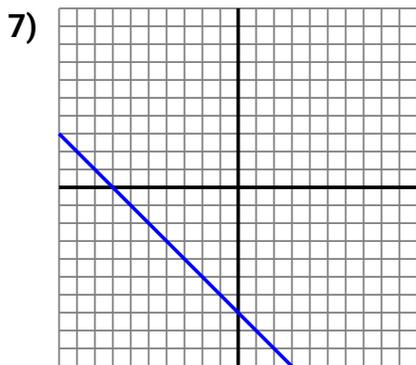
$$Y=\sqrt{X-2}$$



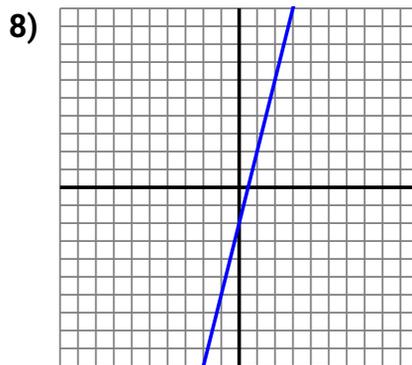
$$Y=X-3$$



$$Y=-X+4$$



$$Y=-X-7$$



$$Y=5 \times X-(X+2)$$

Answers

1. yes

2. no

3. yes

4. no

5. yes

6. yes

7. yes

8. yes