



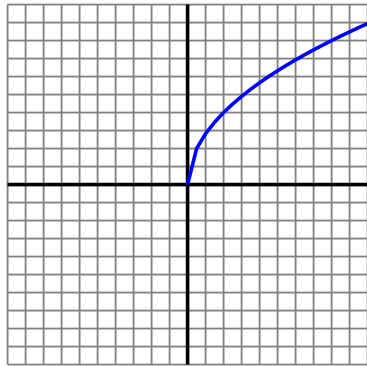
Identify Linear Functions (Graphs)

Name: _____

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

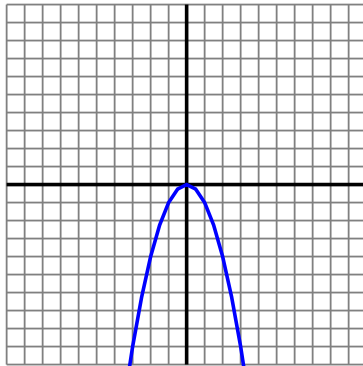
Answers

1)



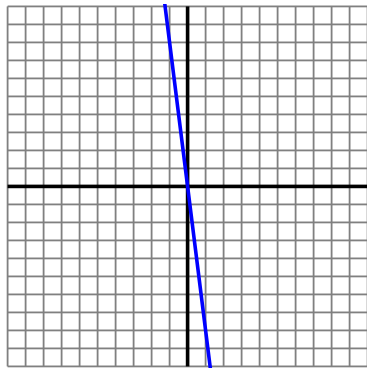
$$Y = \sqrt{8 \times X}$$

2)



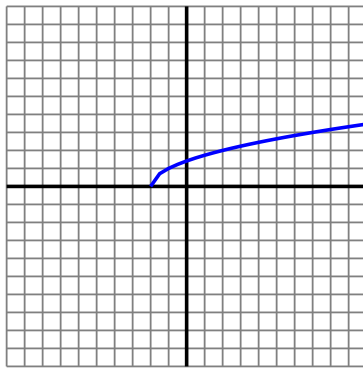
$$Y = -X^2$$

3)



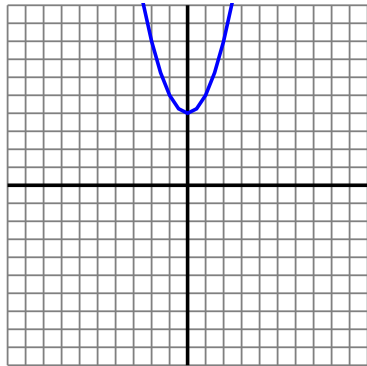
$$Y = -X \times 8$$

4)



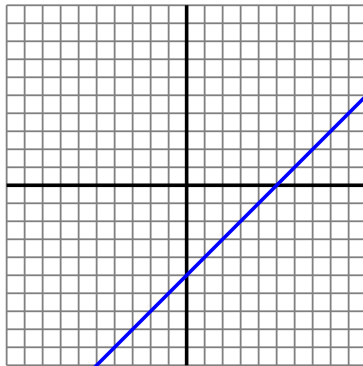
$$Y = \sqrt{X+2}$$

5)



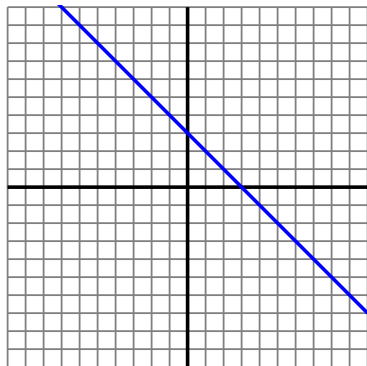
$$Y = X^2 + 4$$

6)



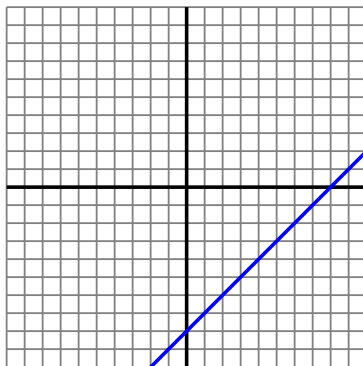
$$Y = 2 \times X - (X+5)$$

7)



$$Y = 3 - X$$

8)



$$Y = X - 8$$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

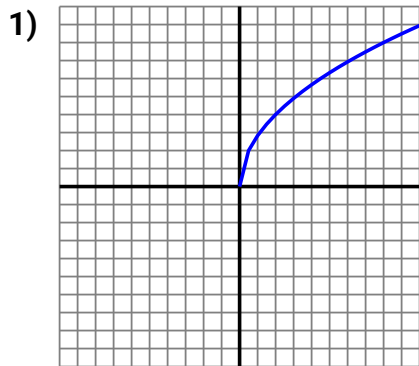
8. _____



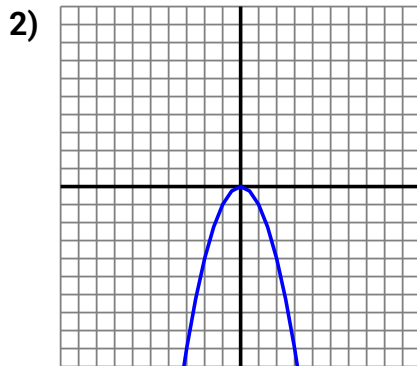
Identify Linear Functions (Graphs)

Name: **Answer Key**

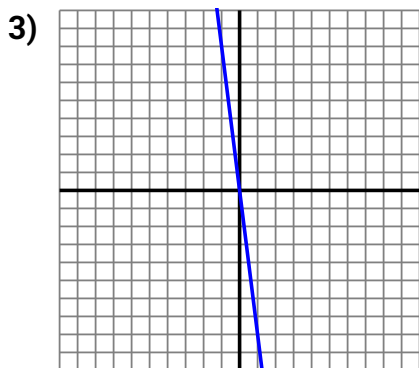
Determine if the graph shown represents a linear function (yes) or not (no).



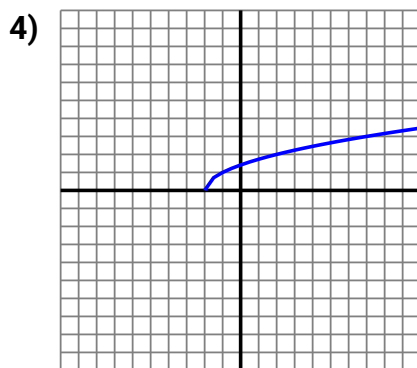
$$Y = \sqrt{8 \times X}$$



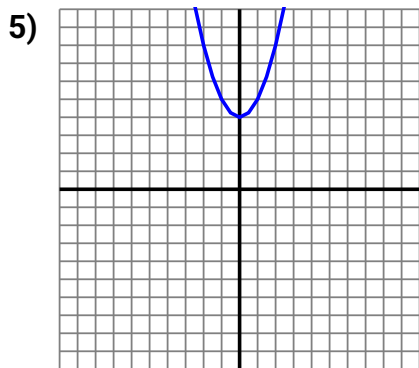
$$Y = -X^2$$



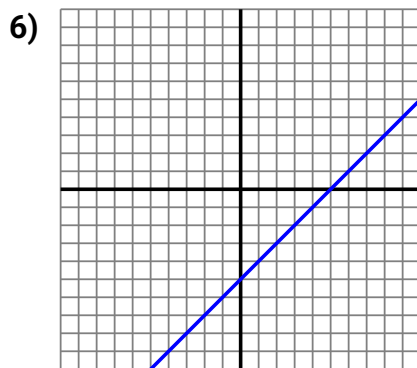
$$Y = -X + 8$$



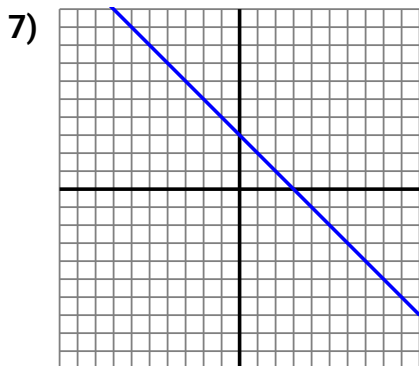
$$Y = \sqrt{X+2}$$



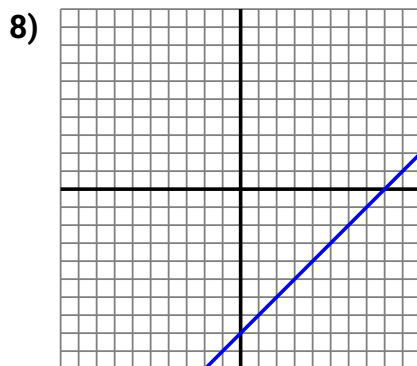
$$Y = X^2 + 4$$



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



$$Y = 3 - X$$



$$Y = X - 8$$

Answers

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