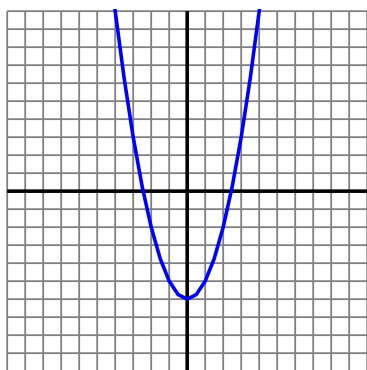




Determine if the graph shown represents a linear function (yes) or not (no).

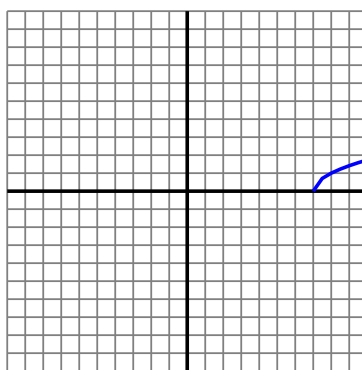
Answers

1)



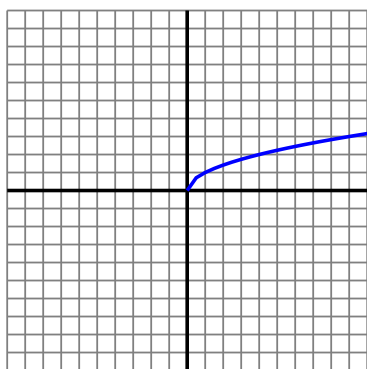
$$Y = X^2 - 6$$

2)



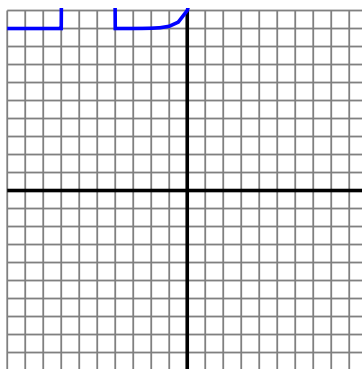
$$Y = \sqrt{X - 7}$$

3)



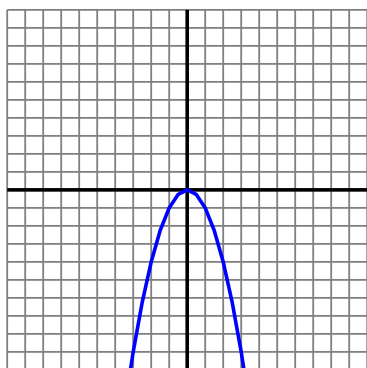
$$Y = \sqrt{X}$$

4)



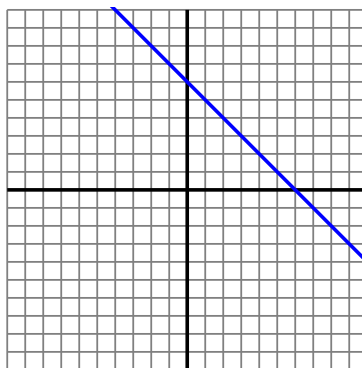
$$Y = 8^x + 9$$

5)



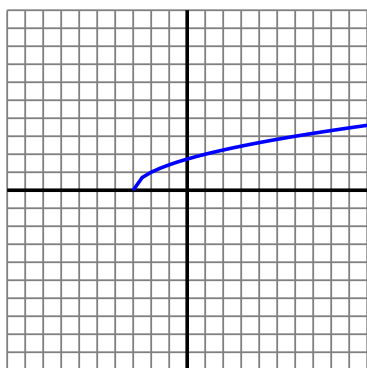
$$Y = -X^2$$

6)



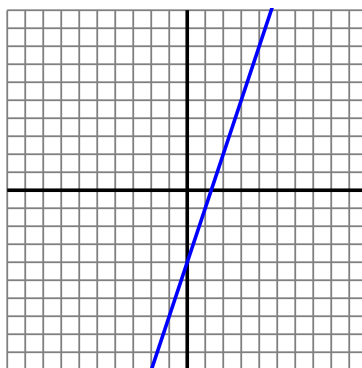
$$Y = -X + 6$$

7)



$$Y = \sqrt{X + 3}$$

8)



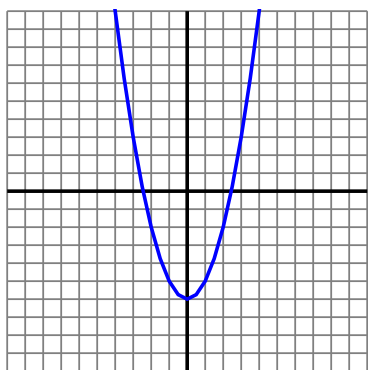
$$Y = 4 \times X - (X + 4)$$

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



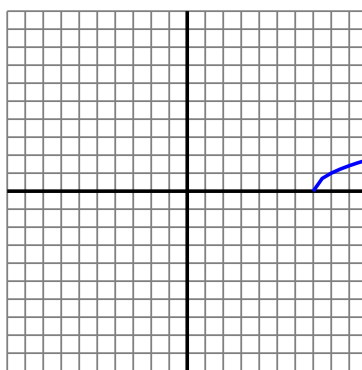
Determine if the graph shown represents a linear function (yes) or not (no).

1)



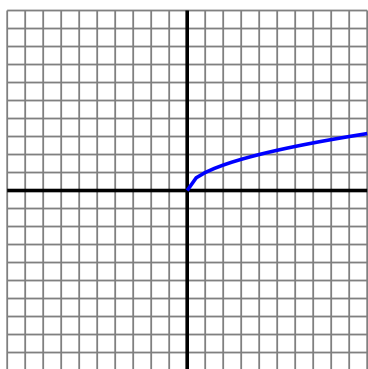
$$Y = X^2 - 6$$

2)



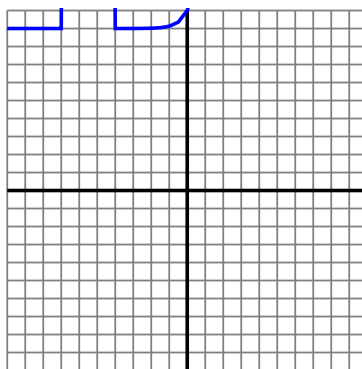
$$Y = \sqrt{X - 7}$$

3)



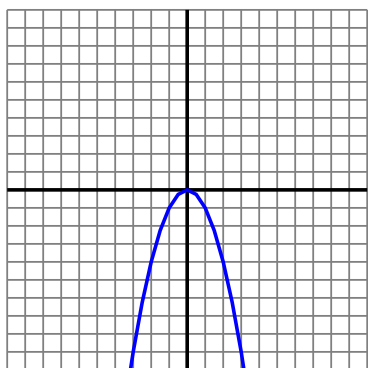
$$Y = \sqrt{X}$$

4)



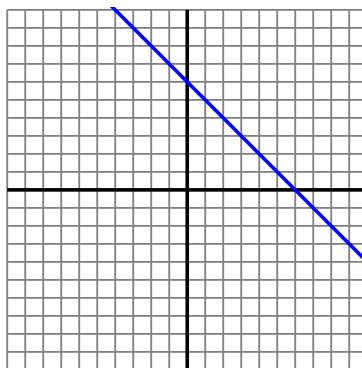
$$Y = 8^X + 9$$

5)



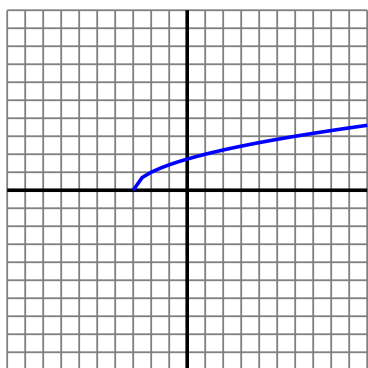
$$Y = -X^2$$

6)



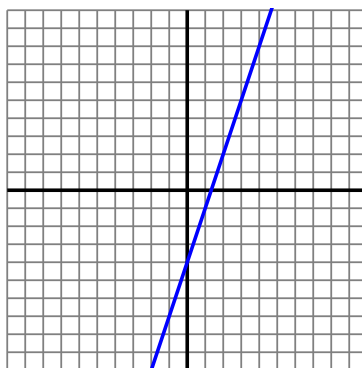
$$Y = -X + 6$$

7)



$$Y = \sqrt{X + 3}$$

8)



$$Y = 4 \times X - (X + 4)$$

Answers1. **no**2. **no**3. **no**4. **no**5. **no**6. **yes**7. **no**8. **yes**