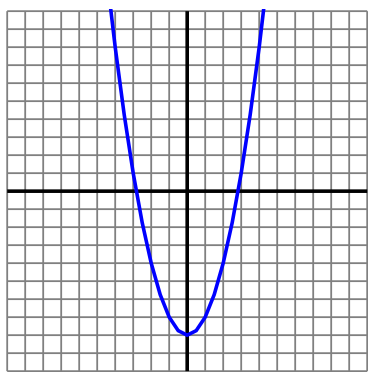




Determine if the graph shown represents a linear function (yes) or not (no).

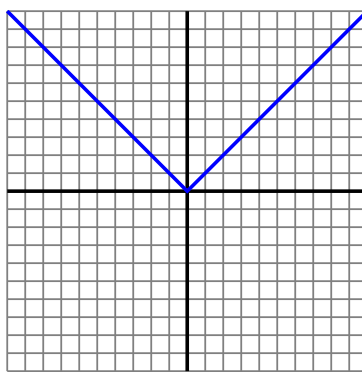
Answers

1)



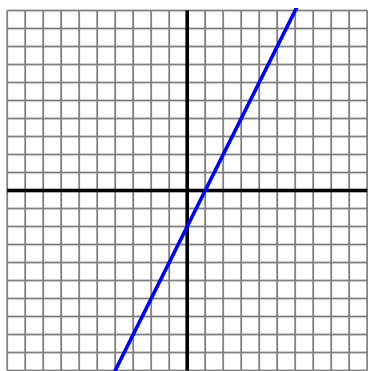
$$Y = X^2 - 8$$

2)



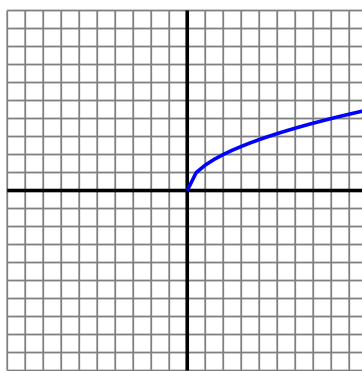
$$Y = \sqrt{X^2}$$

3)



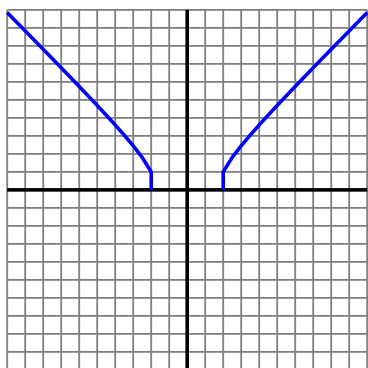
$$Y = 3 \times X - (X + 2)$$

4)



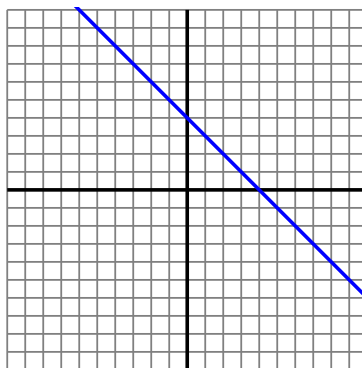
$$Y = \sqrt{X \times 2}$$

5)



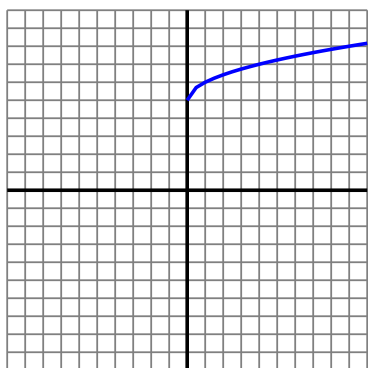
$$Y = \sqrt{X^2 - 3}$$

6)



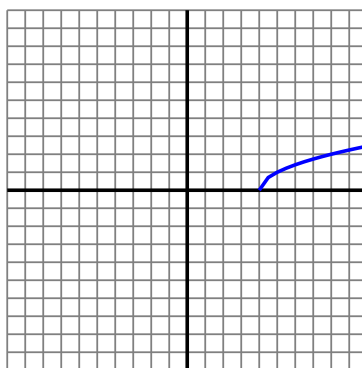
$$Y = -X + 4$$

7)



$$Y = \sqrt{X} + 5$$

8)



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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

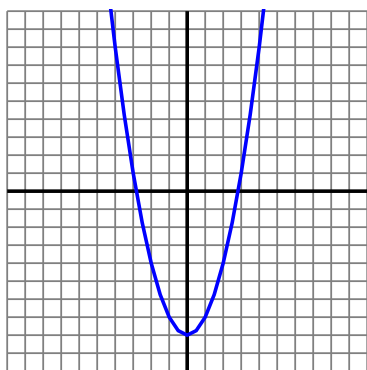
7. _____

8. _____



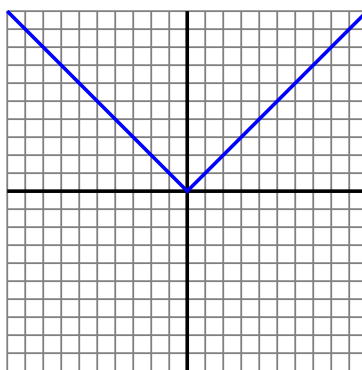
Determine if the graph shown represents a linear function (yes) or not (no).

1)



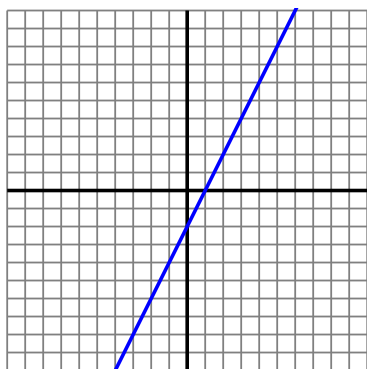
$$Y = X^2 - 8$$

2)



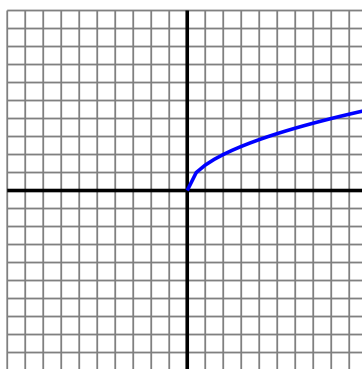
$$Y = \sqrt{X^2}$$

3)



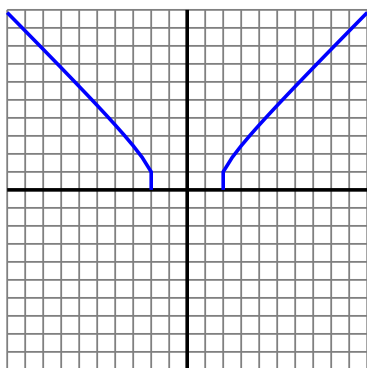
$$Y = 3 \times X - (X + 2)$$

4)



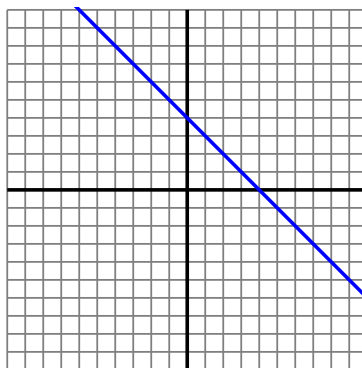
$$Y = \sqrt{X \times 2}$$

5)



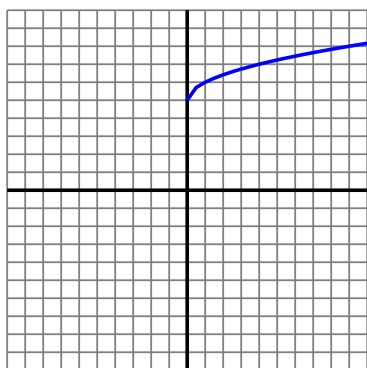
$$Y = \sqrt{X^2 - 3}$$

6)



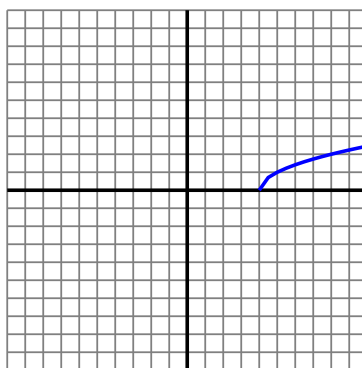
$$Y = -X + 4$$

7)



$$Y = \sqrt{X} + 5$$

8)



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

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