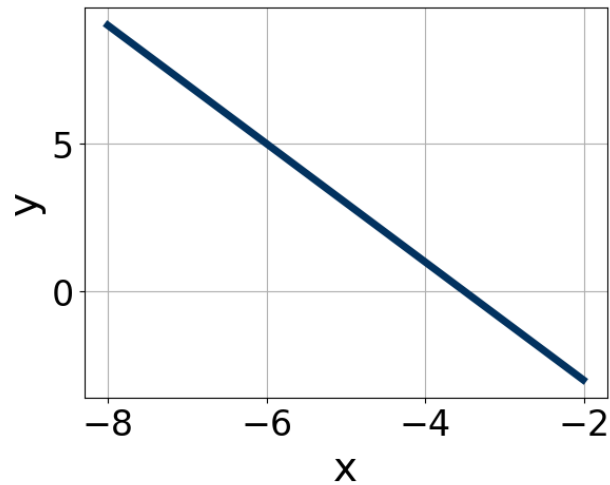


1. Is the graph below a linear function?



- A. Yes, the graph is linear
B. No, the graph is not linear.

-
2. Is the following relation a function?

| x | y |
|---|----|
| 3 | -3 |
| 4 | -4 |
| 5 | -5 |
| 6 | -5 |
| 5 | 3 |
| 4 | 4 |
| 3 | 5 |

- A. Yes
B. No

-
3. Is the equation below a linear function?

$$f(x) = 2 \left(\frac{1}{2} \right)^{x-2} + 1$$

- A. Yes, the equation is linear

B. No, the equation is not linear.

4. Is the following relation a linear function?

| x | y |
|---|-------|
| 2 | -7.07 |
| 3 | -8.66 |
| 4 | -8.66 |
| 3 | 7.07 |
| 2 | 8.66 |
| 1 | 10.0 |
| 0 | 11.18 |

A. Yes

B. No
