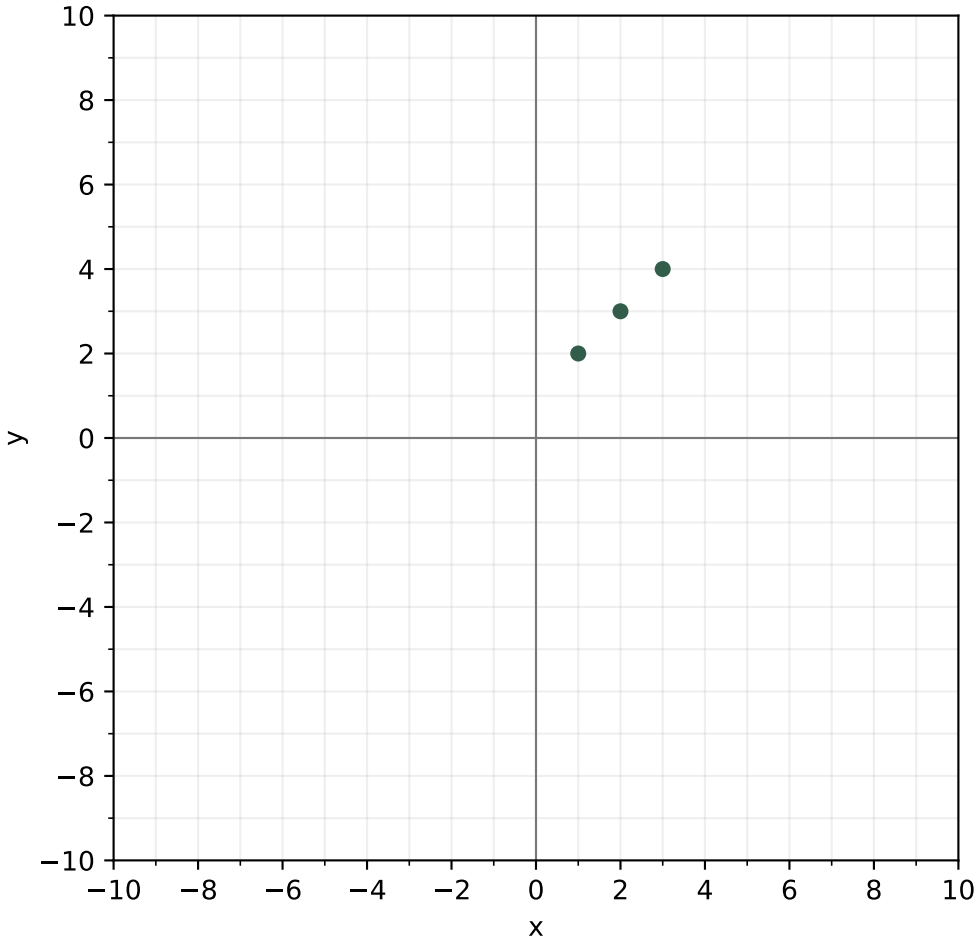
Identifying Functions with the Vertical Line Test

REFERENCE / CASE 1

The displayed relation consists only of the four or three listed dots. Is it a function of x? Explain using the vertical line test. Points: [[1, 2], [2, 3], [3, 4]]

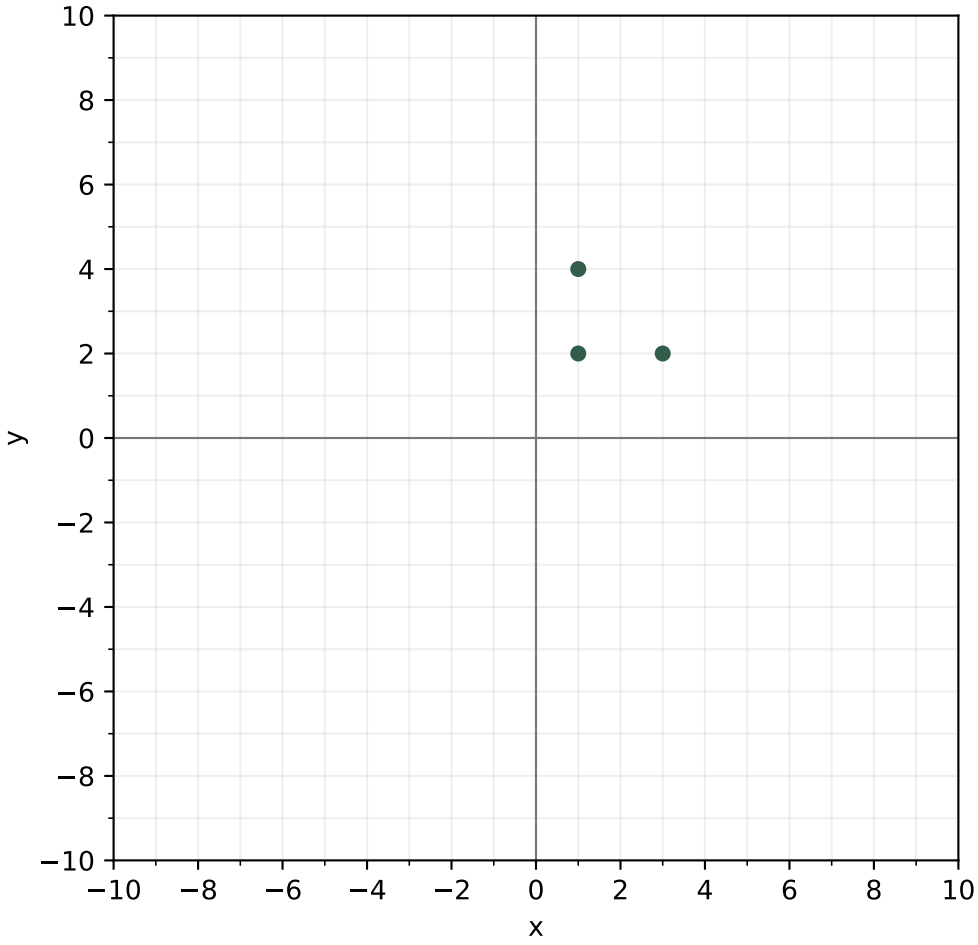


METHOD: Compare the x-coordinates. A vertical line may meet at most one plotted point for the relation to be a function.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.

Identifying Functions with the Vertical Line Test

REFERENCE / CASE 2

The displayed relation consists only of the four or three listed dots. Is it a function of x? Explain using the vertical line test. Points: [[1, 2], [1, 4], [3, 2]]

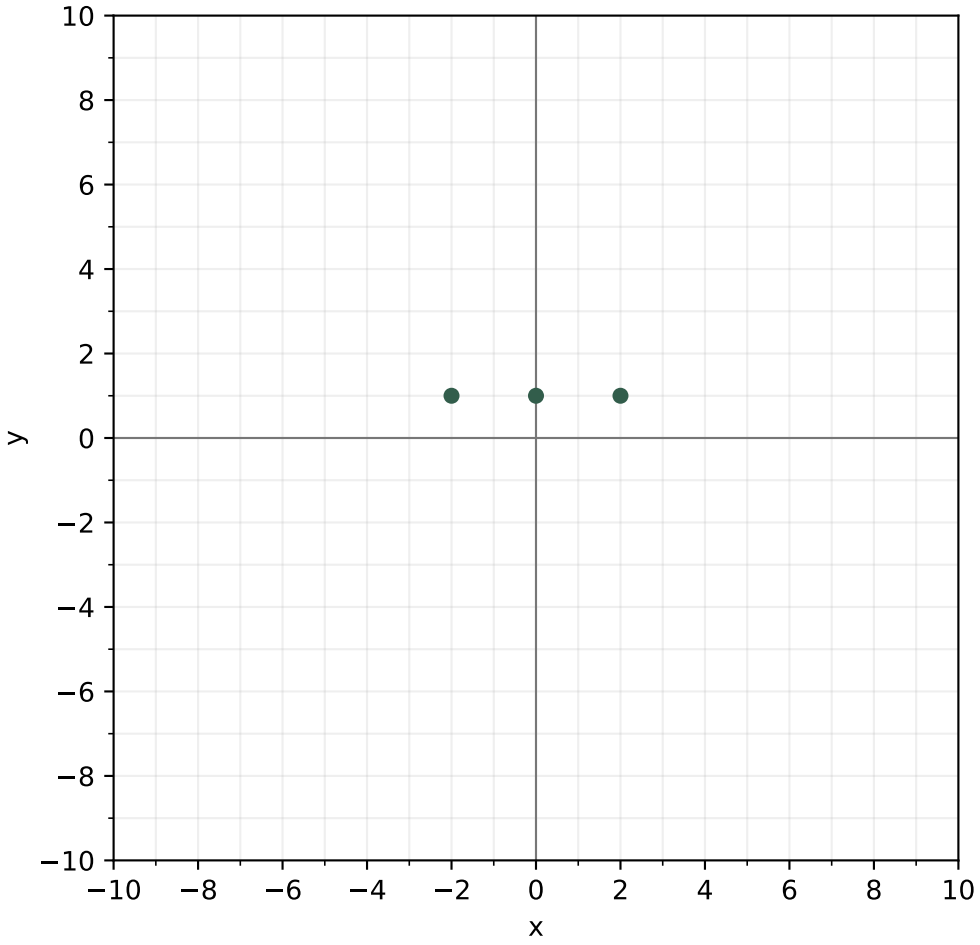


METHOD: Compare the x-coordinates. A vertical line may meet at most one plotted point for the relation to be a function.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.

Identifying Functions with the Vertical Line Test

REFERENCE / CASE 3

The displayed relation consists only of the four or three listed dots. Is it a function of x? Explain using the vertical line test. Points: [[-2, 1], [0, 1], [2, 1]]

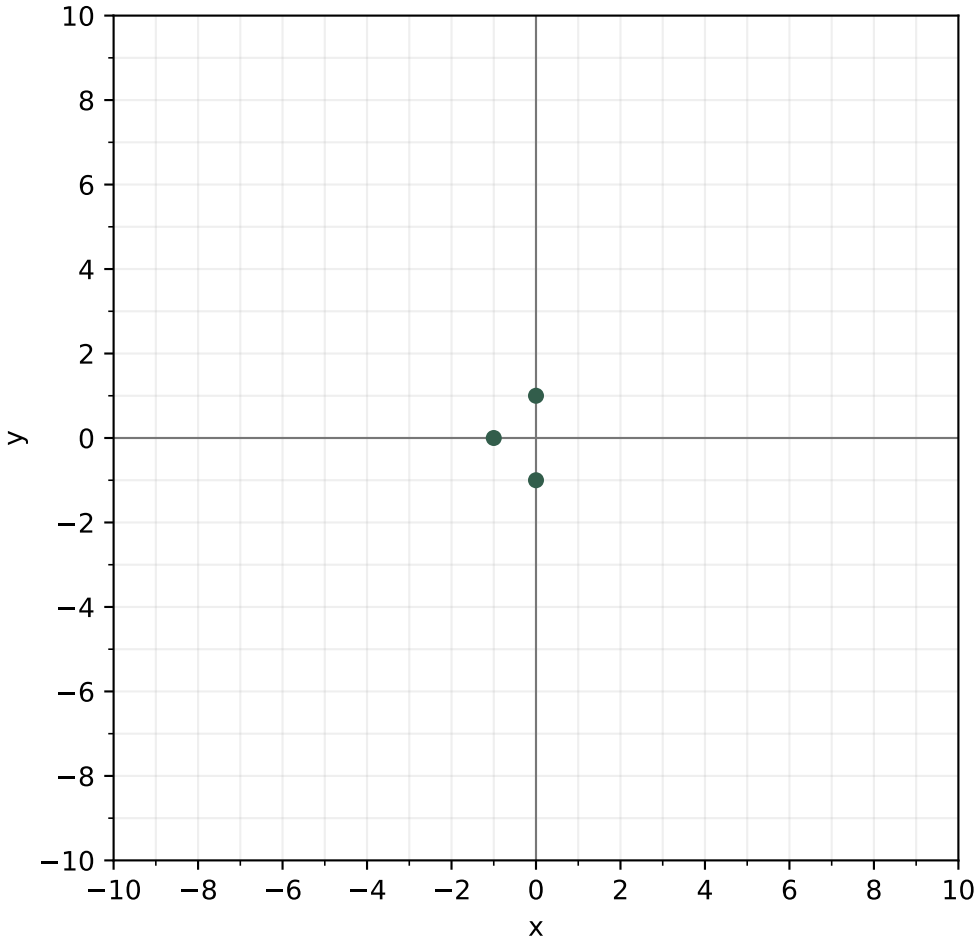


METHOD: Compare the x-coordinates. A vertical line may meet at most one plotted point for the relation to be a function.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.

Identifying Functions with the Vertical Line Test

REFERENCE / CASE 4

The displayed relation consists only of the four or three listed dots. Is it a function of x? Explain using the vertical line test. Points: [[-1, 0], [0, 1], [0, -1]]



METHOD: Compare the x-coordinates. A vertical line may meet at most one plotted point for the relation to be a function.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.