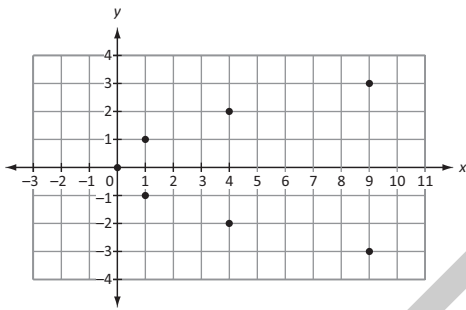


Quiz: HSF.IF.A.1

1. Which gives the domain and range of the function $f(x) = x^2 - 1$?

- A. $D: [-\infty, +\infty]$
 $R: (-1, +\infty)$
- B. $D: (-\infty, +\infty)$
 $R: [-1, +\infty)$
- C. $D: [-1, +\infty)$
 $R: [-\infty, +\infty]$
- D. $D: [1, +\infty)$
 $R: (-\infty, +\infty)$

2. Arthur is trying to fit a function to the points shown on the graph. What is his conclusion?



- A. The function that fits is $y = x^2$.
- B. The function that fits is $x = y^2$.
- C. The function that fits is $x = \sqrt{y}$.
- D. No function can be fit to these points.

