

Practice quiz on Types of Functions

Quiz pour s'exercer • 20 min

- ☒ h is a strictly decreasing function
- ☐ h is a strictly increasing function



Correct

A function h is called strictly decreasing if whenever $a < b$, then $h(a) > h(b)$

Since the graph of h is a line with negative slope, this is in fact true!

6. Suppose that $f : \mathbb{R} \rightarrow \mathbb{R}$ is a strictly increasing function, with $f(3) = 15$

1 / 1 point

Which of the following is a possible value for $f(3.7)$?

- ☐ 14.7
- ☐ -3
- ☒ 17
- ☐ 3



Correct

A function f is called strictly increasing if whenever $a < b$, then $f(a) < f(b)$.

Since $f(3) = 15$ is given and $3 < 3.7$, it must be that $15 < f(3.7)$, and this answer satisfies that.