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Due Sep 11 at 11:59pm **Available** Sep 5 at 12am - [Points 100

Questions 6

Available Sep 5 at 12am - Dec 11 at 11:59pm

Time Limit None

Allowed Attempts Unlimited

Take the Quiz Again

Attempt History

	Attempt	Time	Score	
KEPT	Attempt 6	3 minutes	100 out of 100	
LATEST	Attempt 6	3 minutes	100 out of 100	
	Attempt 5	6 minutes	84 out of 100	
	Attempt 4	4 minutes	65.33 out of 100	
	Attempt 3	2 minutes	60 out of 100	
	Attempt 2	21 minutes	46 out of 100	
	Attempt 1	4 minutes	54 out of 100	

Score for this attempt: **100** out of 100

Submitted Sep 10 at 7:54pm This attempt took 3 minutes.

	Question 1	16 / 16 pts	
	Which of the following functions f: $\mathbf{R} \to \mathbf{R}$ are valid?		
Correct!	\checkmark f(x) = floor(x)		
>			

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Correct!

f(x) = 3

Question 2 14 / 14 pts

Why is the function $f: \mathbf{R} \to \mathbf{R}$ defined by $f(x) = \operatorname{sqrt}(x)$ not well defined?

This function is well defined.

Some elements in the domain map to more than one element in the range.

Correct!

Some elements in the domain do not map to an element in the range.

Question 3

14 / 14 pts

Why is the function $f: \mathbb{R} \to \mathbb{R}$ defined by f(x) = 1/(x-1) not well defined?

Correct!

Some elements in the domain do not map to an element in the target.

0

Some elements in the domain map to more than one element in the target.

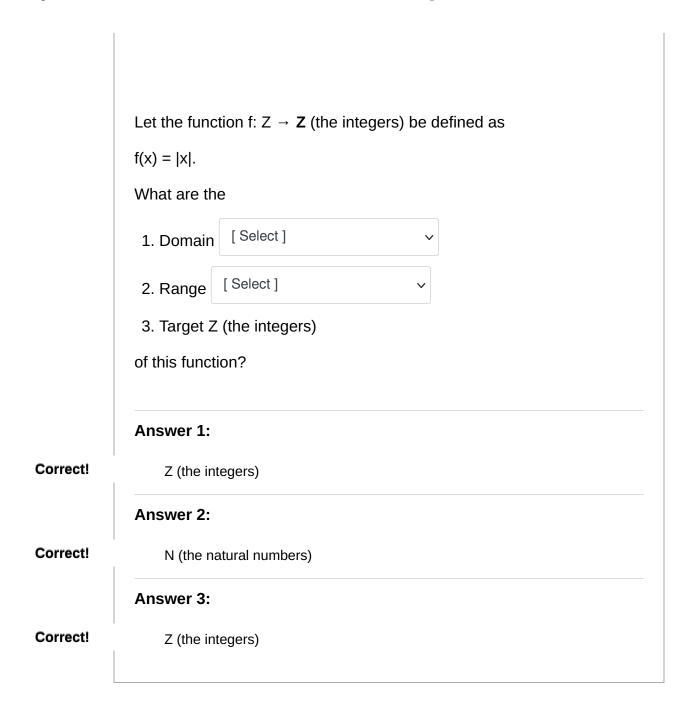
This function is well defined.

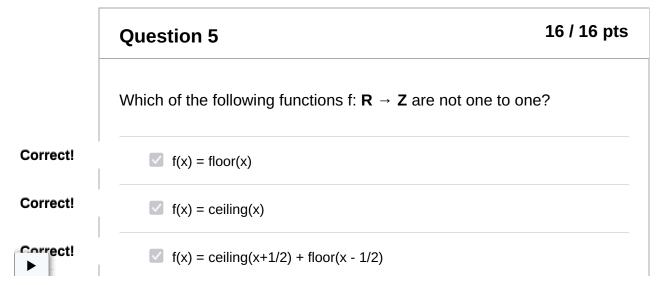


Question 4

24 / 24 pts

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	Question 6	16 / 16 pts			
	Which of the following functions functions f: $\mathbf{Z} \rightarrow \mathbf{Z}$ are not onto?				
orrect!	f(x) = 2x				
Correct!	✓ f(x) = x^2				

Quiz Score: 100 out of 100

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