



Module 2 : Sets, Functions & Relations (?q=onlinecourse/course/43510)

Exercise: Binary Relations & Functions

- **วิชชาภัทร จินดาภัก** previously submitted answers to this quiz/test on 02-Oct-2024 @ 03:15:41 and obtained **8** correct answers out of **8**.
- This test/quiz can be taken many times.
- Correct answers will NOT be revealed after submission.

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1 Select f that is not a function from R to R

From previous attempt

2 Use this function to answer the question from numbers 2 - 4.
Consider the function f that is a function from Domain to **R**, $f(x) = 2/x$.
Find the largest Domain of the function

From previous attempt

3 Find the co-domain of the function.

From previous attempt

4 Find the range of the function.

From previous attempt

5 Consider the given function that is used in the question from number 5 - 7 $f: R \rightarrow R$

- A. $f(x) = x^2 - 2x + 1$
- B. $f(x) = 7x - 5$
- C. $f(x) = 3$

From previous attempt

- D. $f(x) = 2^x$
- E. $f(x) = x(x-1)(x-2)$

Which of these function is only surjective but not injective.

6 Which of these function is only injective but not surjective.

 From previous attempt

7 Which of these function is bijective.

 From previous attempt

8 Consider set A of 3 elements. How many relations are there on set A.

 From previous attempt

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