Practice quiz on Types of Functions

Practice Quiz • 20 min

✓ **Congratulations! You passed!**

TO PASS 75% or higher **PRACTICE QUIZ • 20 MIN**

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GRADE

100%

Practice quiz on Types of Functions

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TOTAL POINTS 6

1. Suppose that $A = \{1, 2, 10\}$ and $B = \{4, 8, 40\}$. Which of the following formulae do **not** define a function $f : A \to B$?

1 / 1 point

✓ **Submit your assignment**

Try again

○ $f(1) = 4$, $f(2) = 40$, and $f(10) = 8$.

○ $f(1) = 4$, $f(2) = 4$, and $f(10) = 4$.

✓ **Receive grade**

Grade

100%

⦿ $f(1) = 5$, $f(2) = 8$, and $f(10) = 40$.

TO PASS 75% or higher

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○ $f(a) = 4a$, for each $a \in A$

We keep your highest score

👍 👎 ⚑

✓ **Correct**

A function $f : A \to B$ is a rule which assigns an element $f(a) \in B$ to each $a \in A$. In this case, unfortunately, $f(1) = 5 \notin B$.