



Practice quiz on Types of Functions

Coursera



Quiz pour s'exercer • 20 min

✓ **Félicitations ! Vous avez réussi !**

QUIZ POUR S'EXERCER • 20 MIN

Continuer à apprendre

NOTE

100 %

✓ **Lecture:** A note about the video lectures in this lesson
POUR RÉUSSIR 75 % ou plus
3 min

✓ **Vidéo:** Cartesian Plane - plotting points
7 min

TOTAL DES POINTS 6

✓ **Vidéo:** Cartesian Plane - Distance Formula
10 min

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

1 / 1 point

Soumettre votre devoir

Essayer à nouveau

✓ **Point-Slope Formula for**

☐ $f(1) = 4, f(2) = 40, \text{ and } f(10) = 8.$

✓ **Vidéo:** Cartesian Plane: Slope-Intercept Formula for

☐ $f(a) = 4a, \text{ for each } a \in A$

Recevoir une note

POUR RÉUSSIR 75 % ou plus

✓ **Quiz pour s'exercer:** Practice quiz on the Cartesian Plane

Note

Voir les commentaires

Nous conservons votre score le plus élevé

Correct

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

✓ **Lecture:** A note about the video lectures in this lesson
3 min

✓ **Vidéo:** Functions - Mapping from Sets to Sets
7 min

2. Suppose that A contains every person in the VBS study (see the second video in the course if you're confused here!). Suppose that $Y = \{+, -\}$

1 / 1 point

✓ **Vidéo:** Functions - Graphing in the Cartesian Plane
11 min

✓ **Suppose that $T: A \rightarrow Y$ is the function which gives $T(a) = +$ if person a tests positive and $T(a) = -$ if they test negative.**

✓ **Increasing and Decreasing Functions**

10 min

✓ **Suppose that $D: A \rightarrow Z$ is the function which gives $D(a) = H$ does not actually have VBS and $D(a) = S$ if the person actually has VBS.**

✓ **Vidéo:** Functions - Comparing and Contrasting

10 min

Quiz pour s'exercer: