✓ Félicitations! Vous avez réussi!

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. Suppose that A = \{1,2,10\} and B = \{4,8,40\}, which of the following formulae do net offers a function f, A = Bf: \bigcirc f(0) = A_{0} \text{ for each } a_{0} \text{ for ea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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=\{+,-\} and Z=\{H,S\}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4. Let be point A = (2,4) which of the dishwing graphs does not contain the point AP. The graph of d(z) = x + 2. The graph of d(z) = x - 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            \checkmark correct A Luction 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)=6\not\in B .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Correct Recall that the graph of g consists of all points (x,y) such that y=g(x), Here g(2)=3 \not=-1, so the point (2,-1) is temphined on the graph of g.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           orner Recall that a false positive is a positive test result (so T(a)=+) which is misle because the person actually does not have the disease (D(a)=H)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Suppose that T:A\to Y is the function which gives T(a)=+ if person a tests por T(a)=- if they test negative.
Practice quiz on Types of Functions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Suppose that D:A \to Z is the function which gives D(a) = H does not and D(a) = S if the person actually has VBS.
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1/1 point

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

 \checkmark correct Aunction h is called strictly decreasing if whenever $a < b_i$ then h(a) > h(b)

Connect The graph of h. consists of all points (x,y) such that y=h(x) . Here $h(2)=1\neq 4$, so the point $\{2,4\}$ is not on the graph of h.

5. Suppose that $\hbar(x)=-3x+4$. Which of the following statements is true?