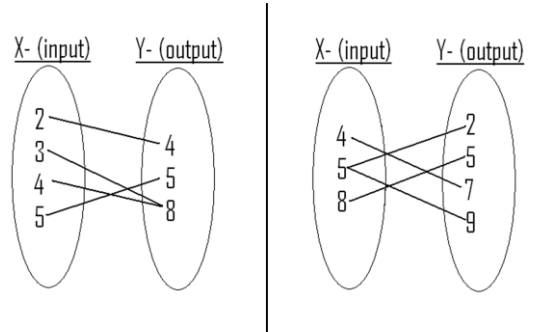


1. There are two relationships shown below. Joe says that both of these relationships represent a function. Is Joe correct? Justify your answer.



2. Create your own example of a relationship that is a function.

3. What is an independent variable?

4. What is a dependent variable?

5. What is the domain of a function?

6. What is the range of a function?

7. Juanita makes \$100 a day as a substitute teacher. Juanita's brother, Robert, says that "*The amount of money Juanita makes depends on the number of days of work.*"

a) Explain why Robert's statement represents a function.

b) What is the independent variable in Robert's statement?

c) What is the dependent variable?

d) The school district tells Juanita that she can work at most five days this month. Based on this information, ...

what is the domain of this function?

what is the range of this function?