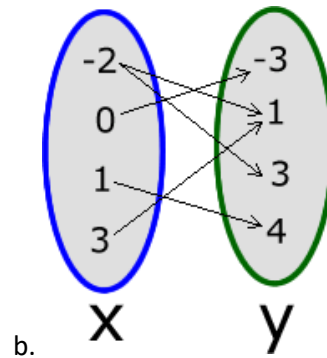
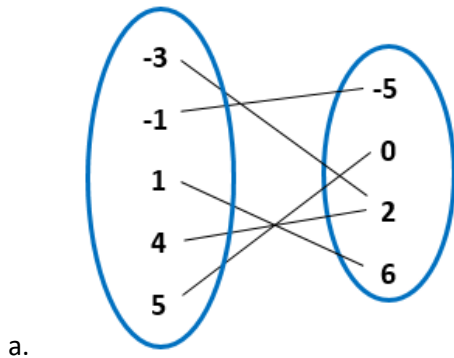


Instructions: Show all work. Partial credit can only be given where work is shown. Be sure to answer all parts of each question. You may not use a calculator on this quiz.

- For each of the relations shown, write out the list of ordered pairs that represents the relation. Then determine if the relation is a function.



- For the function $f(x) = x^3 - 2x + 1$, give the range if the domain is $\{0, 1, 2, 4\}$.

- Write the numerals in the indicates system into the Hindu-Arabic system.
 - MCMLXXXIX*

