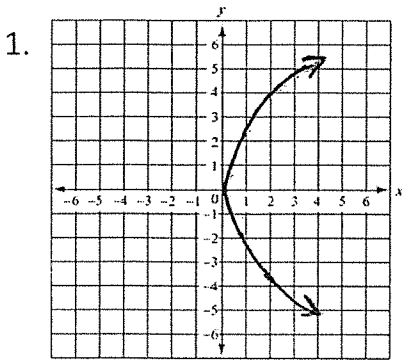


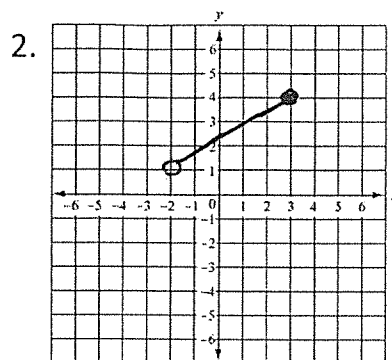
Assignment 2

Intermediate Algebra

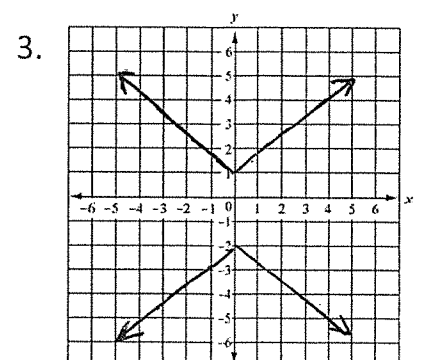
Find the domain and range of each relation, then state whether the relation is a function.



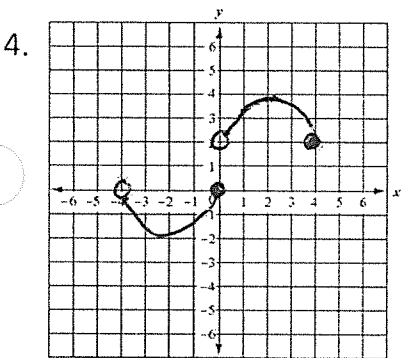
D:
R:
Function?:



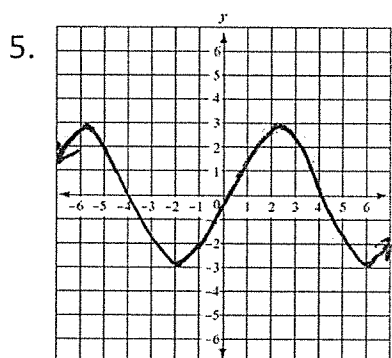
D:
R:
Function?:



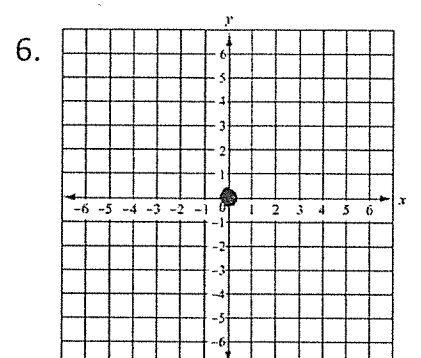
D:
R:
Function?:



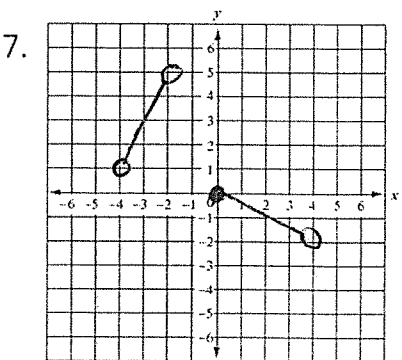
D:
R:
Function?:



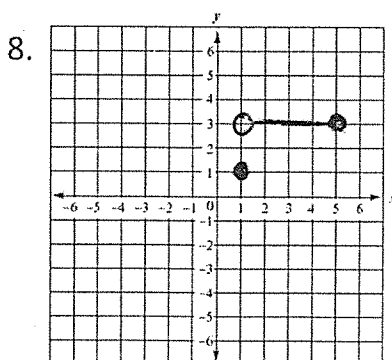
D:
R:
Function?:



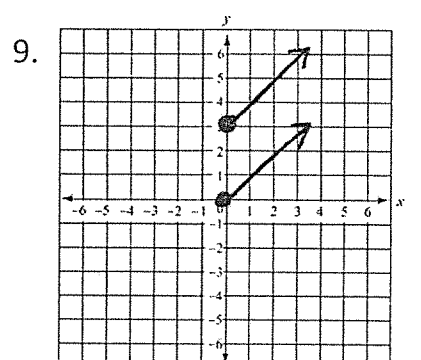
D:
R:
Function?:



D:
R:
Function?:



D:
R:
Function?:

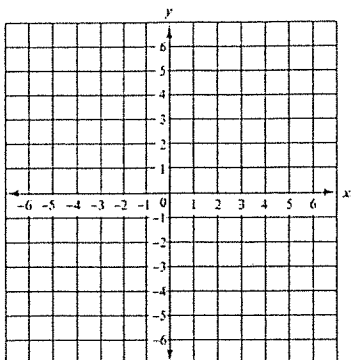


D:
R:
Function?:

Draw functions for each of the domains and ranges listed below.

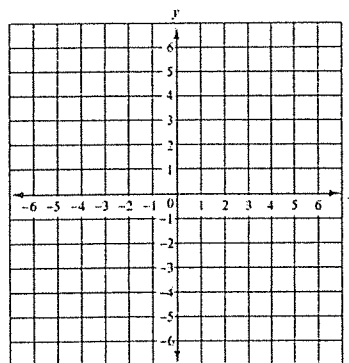
10. D: $x > 4$

R: $y < 0$



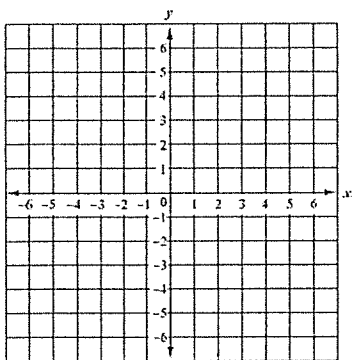
11. D: All real numbers

R: $y \geq 0$

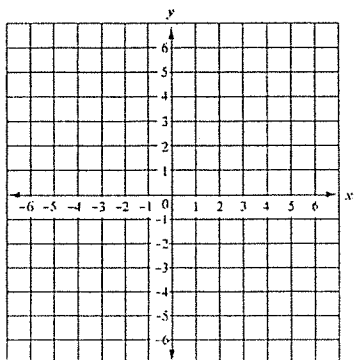


12. D: $\{1, 2, 3, 4\}$

R: $\{-3\}$



³
13. Is it possible for a function's domain to contain infinitely many values but for its range to only contain one value? If it is, draw one. If it's not, explain why not.



⁴
14. Is it possible for a function's range to contain infinitely many values but for its domain to only contain one value? If it is, draw one. If it's not, explain why not.

