

NAME: _____

1. 080919ia, P.I. A.G.3

Which relation is *not* a function?

[A] $\{(-1,2), (0,5), (5,0), (2,-1)\}$

[B] $\{(1,5), (2,6), (3,6), (4,7)\}$

[C] $\{(-1,6), (1,3), (2,5), (1,7)\}$

[D] $\{(4,7), (2,1), (-3,6), (3,4)\}$

2. 080403b, P.I. A.G.3

Which set of ordered pairs is *not* a function?

[A] $\{(3,1), (2,1), (1,2), (3,2)\}$

[B] $\{(1,2), (3,4), (4,5), (5,6)\}$

[C] $\{(4,1), (5,1), (6,1), (7,1)\}$

[D] $\{(0,0), (1,1), (2,2), (3,3)\}$

3. 060715b, P.I. A.G.3

Which set of ordered pairs does *not* represent a function?

[A] $\{(3,-2), (3,-4), (4,-1), (4,-3)\}$

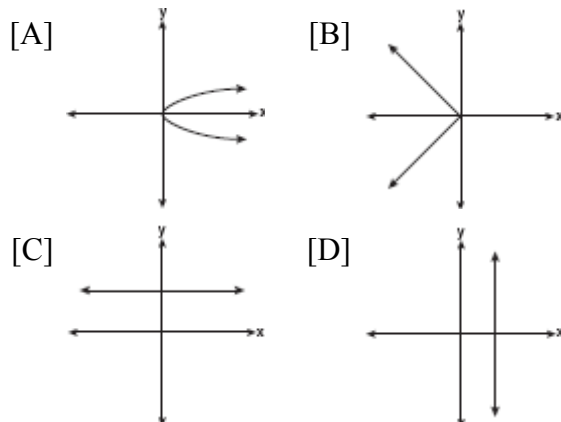
[B] $\{(3,-2), (5,-2), (4,-2), (-1,-2)\}$

[C] $\{(3,-2), (-2,3), (4,-1), (-1,4)\}$

[D] $\{(3,-2), (4,-3), (5,-4), (6,-5)\}$

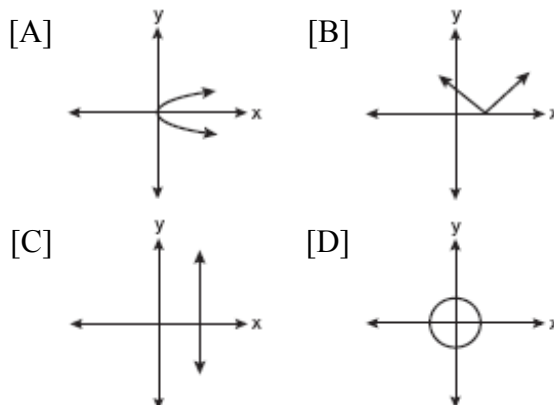
4. fall0730ia, P.I. A.G.3

Which graph represents a function?



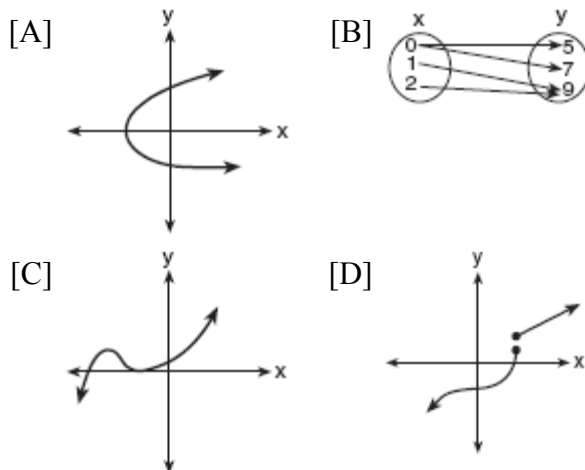
5. 010930ia, P.I. A.G.3

Which graph represents a function?



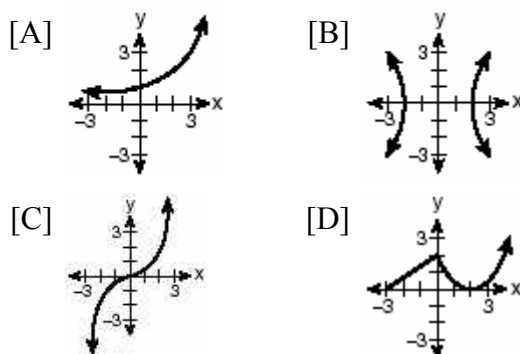
6. 060310b, P.I. A.G.3

Which diagram represents a relation in which each member of the domain corresponds to only one member of its range?



7. 010511b, P.I. A.G.3

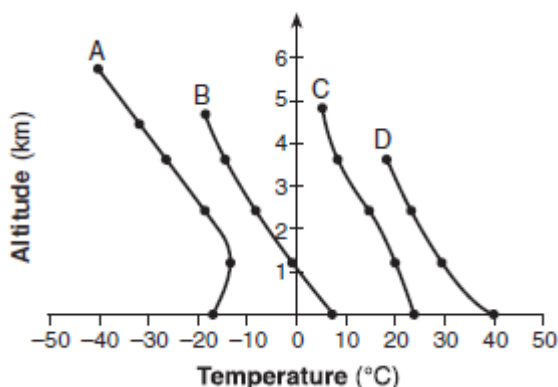
Which graph is *not* a function?



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8. 060902b, P.I. A.G.3

The accompanying graph shows the curves of best fit for data points comparing temperature to altitude in four different regions, represented by the relations A , B , C , and D .

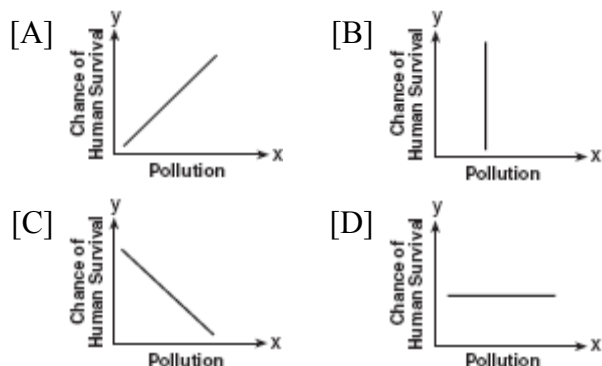


Which relation is *not* a function?

- [A] D [B] A [C] B [D] C

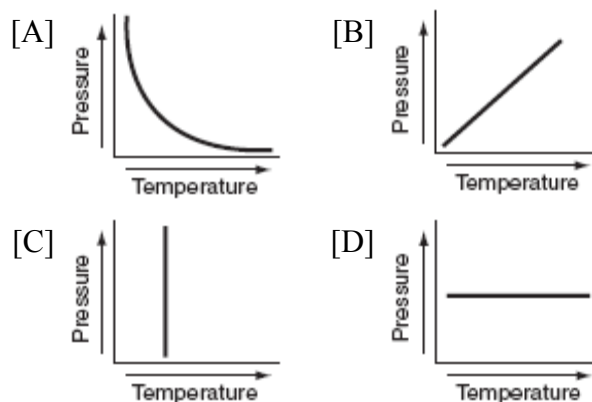
9. 080301b, P.I. A.G.3

Which graph does not represent a function of x ?



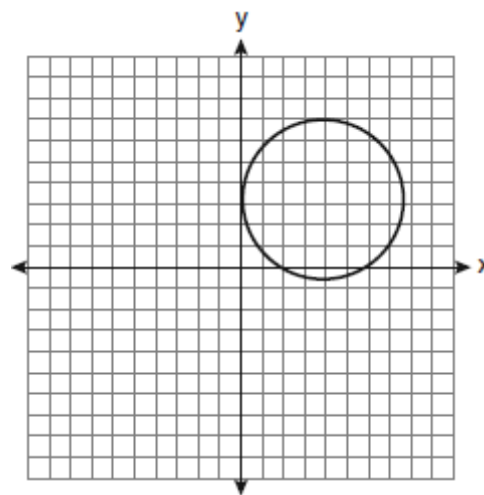
10. 060601b, P.I. A.G.3

Each graph below represents a possible relationship between temperature and pressure. Which graph does *not* represent a function?



11. 060919ia, P.I. A.G.3

Which statement is true about the relation shown on the graph below?



- [A] It is *not* a function because there are multiple y -values for a given x -value.
 [B] It is a function because there exists one x -coordinate for each y -coordinate.
 [C] It is *not* a function because there are multiple x -values for a given y -value.
 [D] It is a function because there exists one y -coordinate for each x -coordinate.

- [1] C
- [2] A
- [3] A
- [4] C
- [5] B
- [6] C
- [7] B
- [8] B
- [9] B
- [10] C
- [11] A