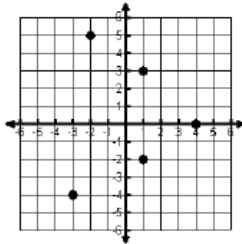


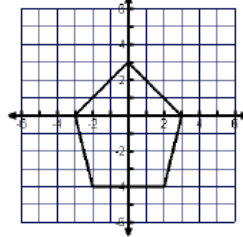
## Domain and Range

State the domain and range for each graph and then tell if the graph is a function (write yes or no).

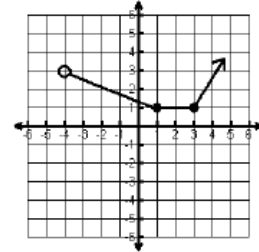
- 1) Domain  $\{x=-3,5,-2,4\}$   
 Range  $\{-4,-2,0,3,5\}$   
 Function? No



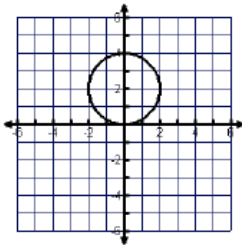
- 2) Domain  $\{-3 \leq x \leq 3\}$   
 Range  $\{-4 \leq y \leq 3\}$   
 Function? No



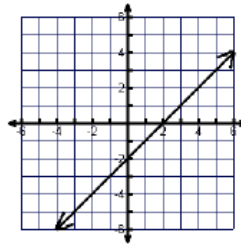
- 3) Domain  $\{x > -4\}$   
 Range  $\{y \geq 1\}$   
 Function? Yes



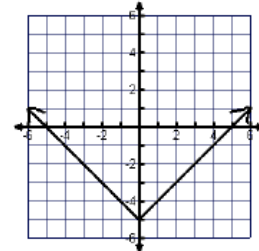
- 4) Domain  $\{-2 \leq x \leq 2\}$   
 Range  $\{0 \leq y \leq 4\}$   
 Function? yes



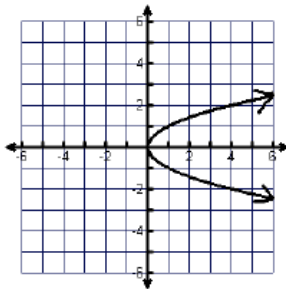
- 5) Domain  $\mathbb{R}$   
 Range  $\mathbb{R}$   
 Function? Yes



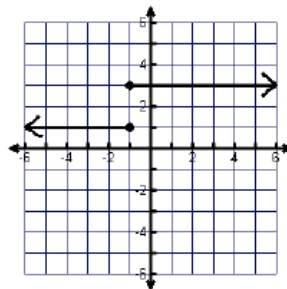
- 6) Domain  $\mathbb{R}$   
 Range  $\{y \geq -5\}$   
 Function? Yes



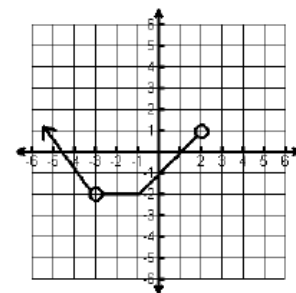
- 7) Domain  $\{x \geq 0\}$   
 Range  $\mathbb{R}$   
 Function? No



- 8) Domain  $\mathbb{R}$   
 Range  $\{y = 1, 3\}$   
 Function? \_\_\_ No



- 9) Domain  $\{x < 2 \text{ \& } x \neq -3\}$   
 Range  $\{y \geq -2\}$   
 Function? Yes

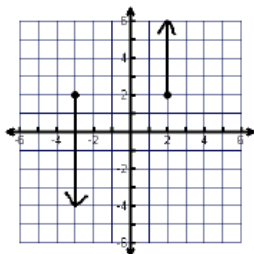


State the domain and range for each graph and then tell if the graph is a function (write yes or no).

1) Domain  $\{x = -3, 2\}$

Range  $\mathbb{R}$

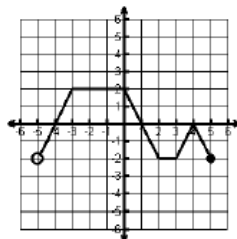
Function? No



2) Domain  $\{-5 < x \leq 5\}$

Range  $\{2 \leq y \leq 2\}$

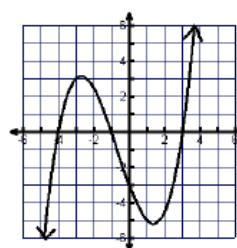
Function? No



3) Domain  $\mathbb{R}$

Range  $\mathbb{R}$

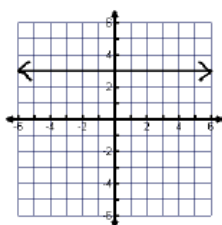
Function? Yes



4) Domain  $\mathbb{R}$

Range  $\{y = 3\}$

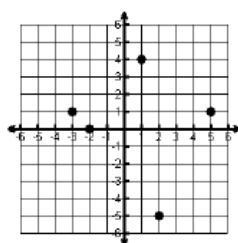
Function? No



5) Domain  $\{x = -3, -2, 1, 2, 5\}$

Range  $\{y = -5, 0, 1, 4\}$

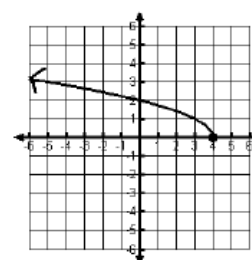
Function? Yes



6) Domain  $\{x \leq 4\}$

Range  $\{y \geq 0\}$

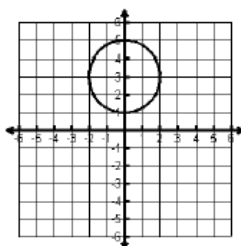
Function? Yes



7) Domain  $\{-2 \leq x \leq 2\}$

Range  $\{1 \leq y \leq 5\}$

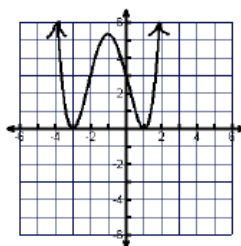
Function? No



8) Domain  $\mathbb{R}$

Range  $\{y \geq 0\}$

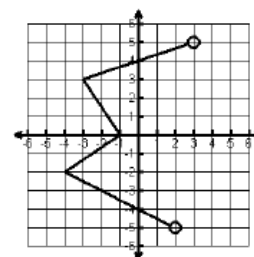
Function? Yes



9) Domain  $\{-4 \leq x < 3\}$

Range  $\{-5 < y < 5\}$

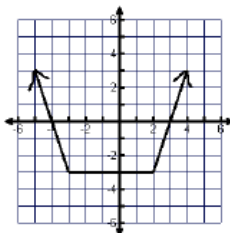
Function? No



10) Domain  $\mathbb{R}$

Range  $\{y \geq -3\}$

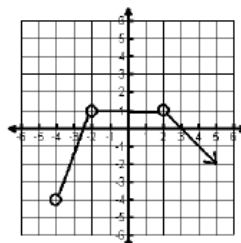
Function? Yes



11) Domain  $\{x > -4 \text{ \& } x \neq -2, 2\}$

Range  $\{y \leq 1\}$

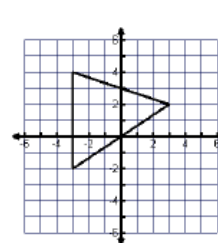
Function? Yes



12) Domain  $\{-3 \leq x \leq 3\}$

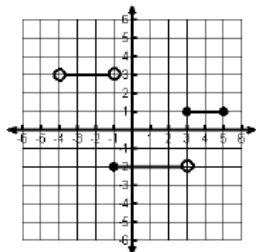
Range  $\{-2 \leq x \leq 4\}$

Function? No

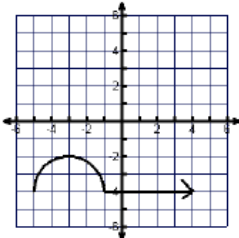


State the domain and range for each graph and then tell if the graph is a function (write yes or no).  
If the graph is a function, state whether it is discrete, continuous or neither.

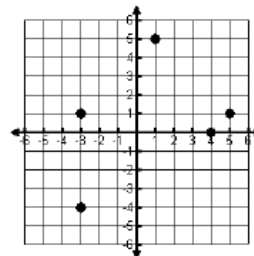
1) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



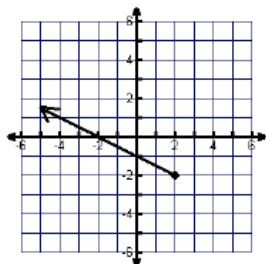
2) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



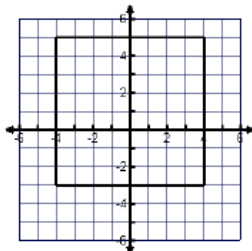
3) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



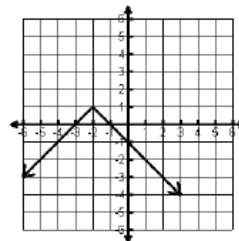
4) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



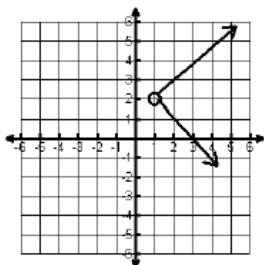
5) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



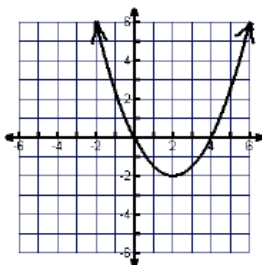
6) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



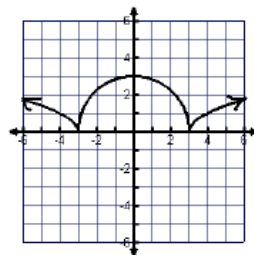
7) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



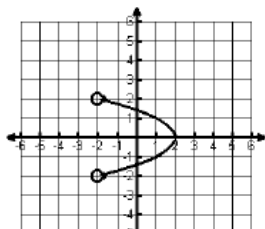
8) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



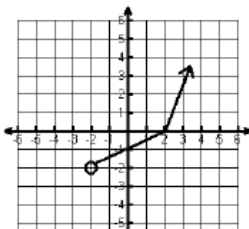
9) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



10) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



11) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_



12) Domain \_\_\_\_\_  
Range \_\_\_\_\_  
Function? \_\_\_\_\_

