

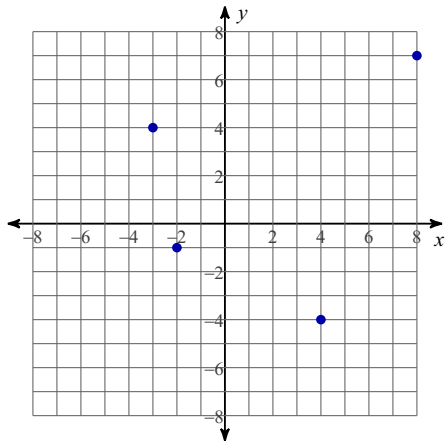
HW28: Domain and Range

1) Define "domain"

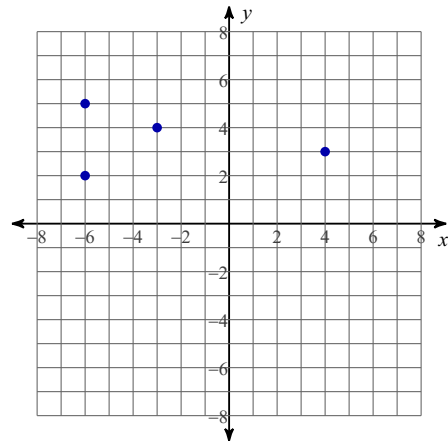
2) Define "range"

Decide whether the graph represents a function, and determine the domain and range.

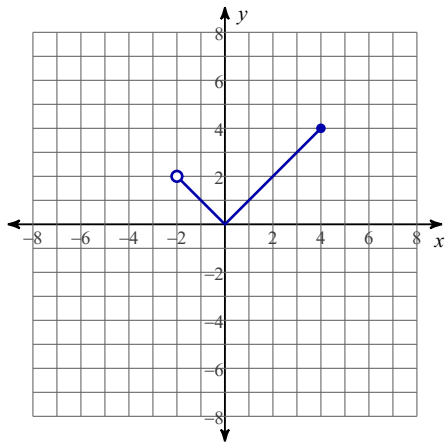
3)



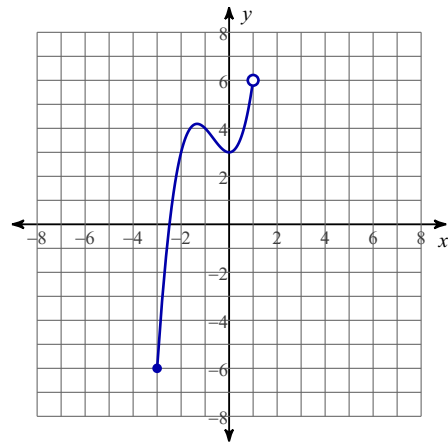
4)



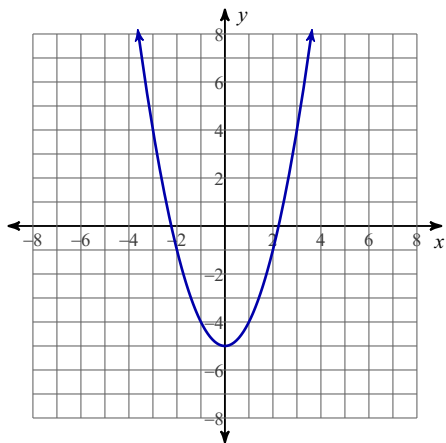
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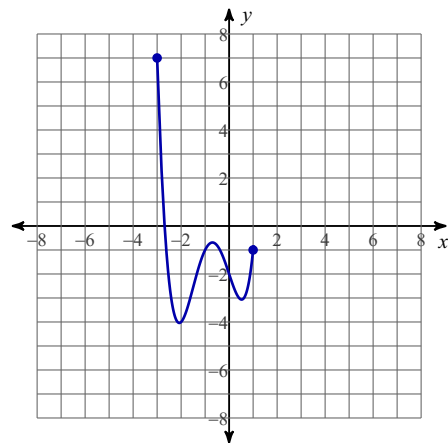
6)



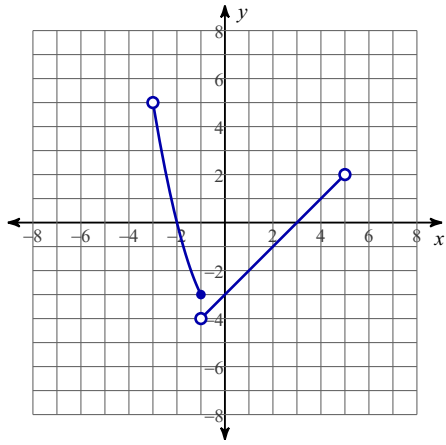
7)



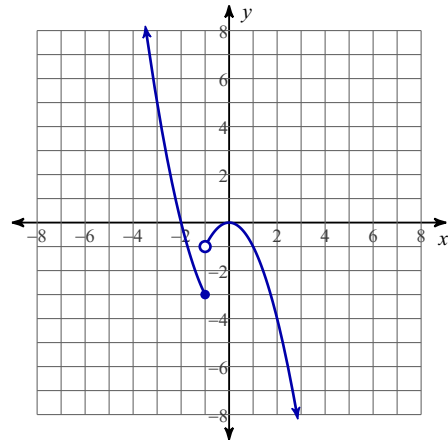
8)



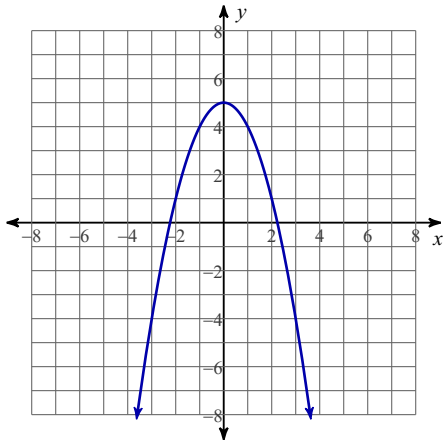
9)



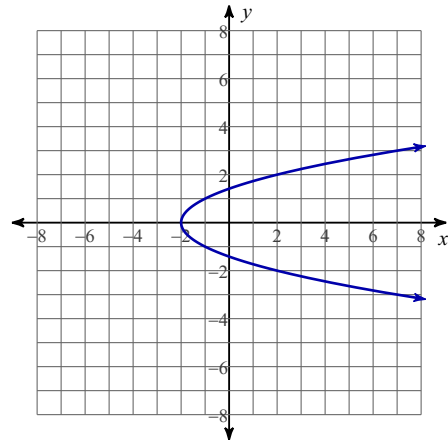
10)



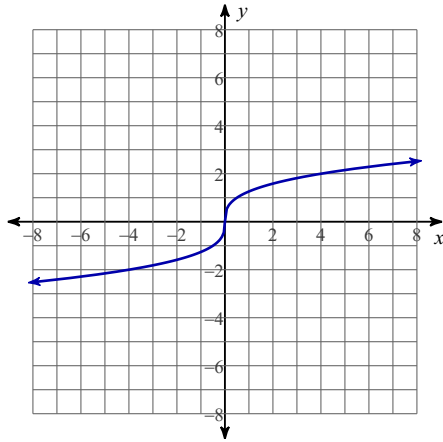
11)



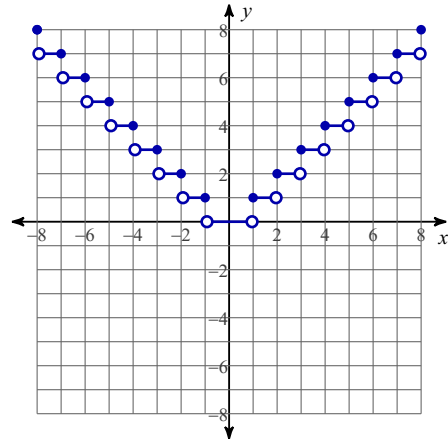
12)



13)

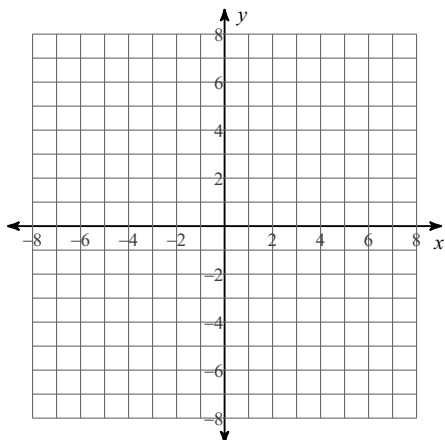


14)

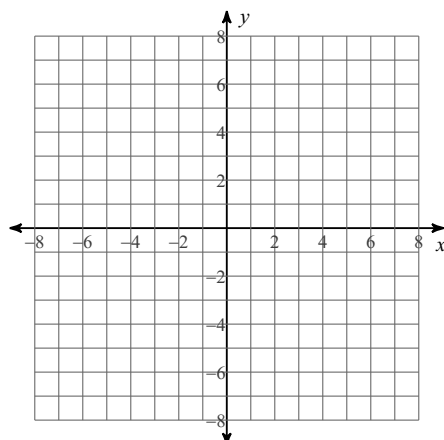


Build a table and graph the functions. You may do so on this page.

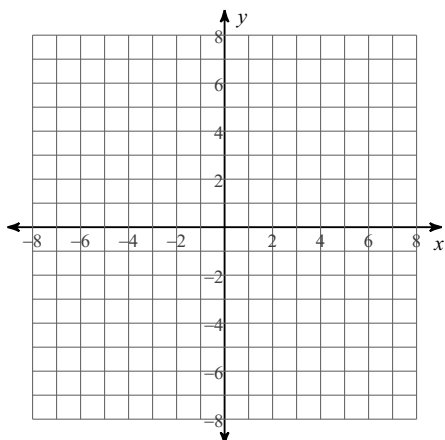
- 15) Linear function: $f(x) = x$
Use the inputs $-2, -1, 0, 1,$ and 2 .



- 16) Absolute value function: $f(x) = |x|$
Use the inputs $-2, -1, 0, 1,$ and 2 .



- 17) Quadratic function: $f(x) = x^2$
Use the inputs $-2, -1, 0, 1,$ and 2 .



- 18) Square root function: $f(x) = \sqrt{x}$
Use the input value $0, 1,$ and 4

