

# Domain & Range

DOMAIN:

RANGE:

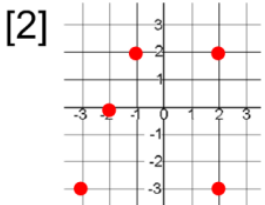
## Example 1 Discrete Relations & Functions

List the elements of the domain in order from least to greatest, with no repeats. Do the same for the range.

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

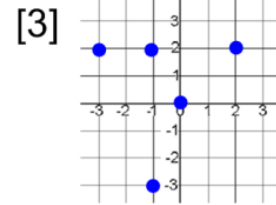
Domain:

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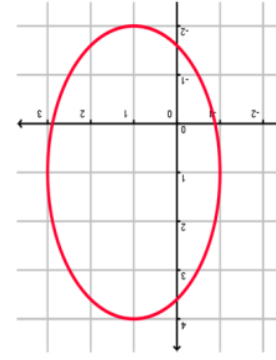


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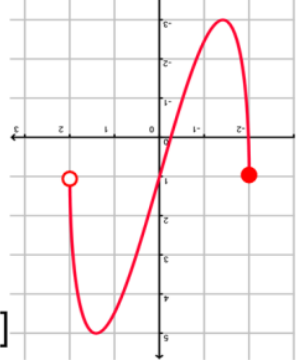
## Example 2 Bounded Relations & Functions

List the elements of the domain as an "and" compound inequality. Do the same for the range.



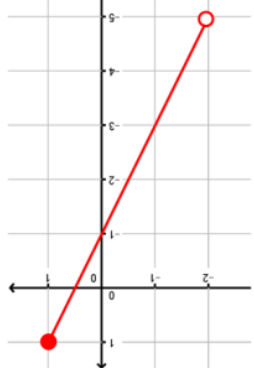
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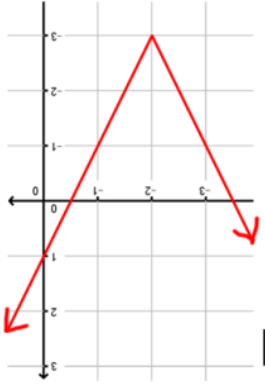


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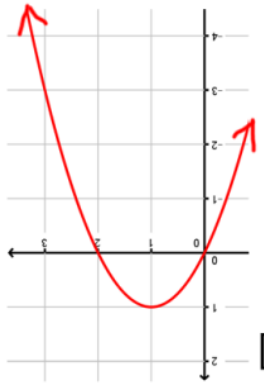
## Example 3 Unbounded Relations & Functions

List the elements of the domain as a  $\geq$  or  $\leq$  inequality. Do the same for the range. Use the notation  $\mathbb{R}$  for "all real numbers".



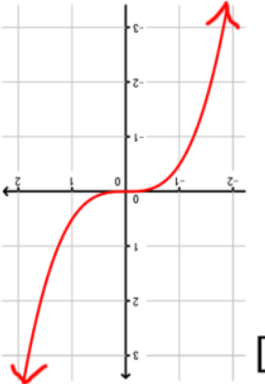
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