

Objective 5 Remediation

Identify the domain and range of a relation given a graph.

Interval Notation:

$[$ or $]$ $\rightarrow$ 

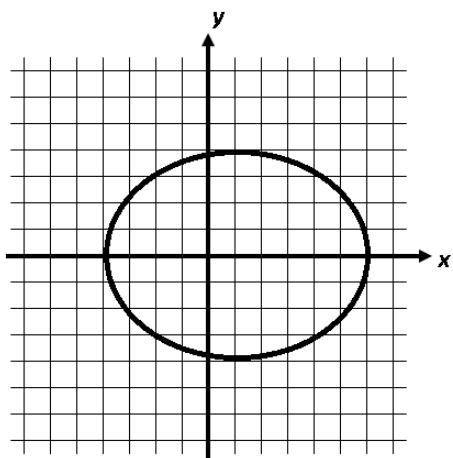
$($ or $)$ $\rightarrow$  and $\pm\infty$

Inequality Notation:

$\leq$ or $\geq$ $\rightarrow$ 

$<$ or $>$ $\rightarrow$ 

Ex. A



Interval Notation:

Domain: $[-4, 6]$

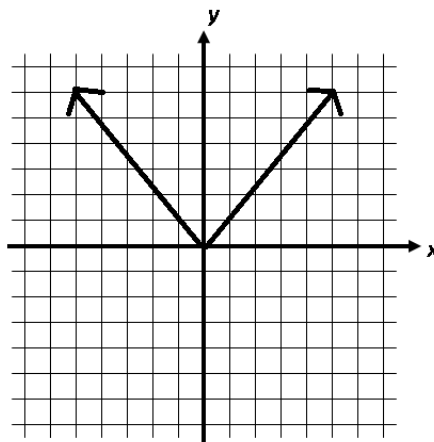
Range: $[-4, 4]$

Inequality Notation:

Domain: $-4 \leq x \leq 6$

Range: $-4 \leq y \leq 4$

Ex. B



Interval Notation:

Domain: $(-\infty, +\infty)$ or $\mathbb{R}$

Range: $[0, +\infty)$ or Positive $\mathbb{R}$

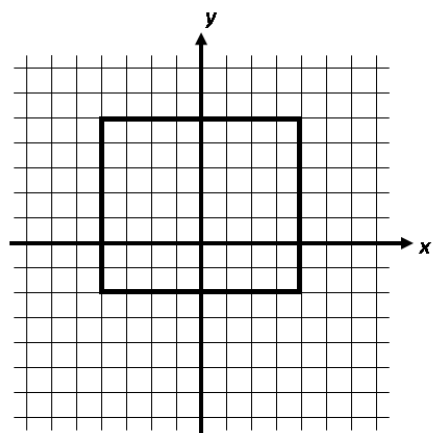
Inequality Notation:

Domain: $-\infty < x < +\infty$ or $\mathbb{R}$

Range: $0 \leq y < +\infty$ or Positive $\mathbb{R}$

Determine the Domain and Range

Ex. 1



Interval Notation:

Domain:

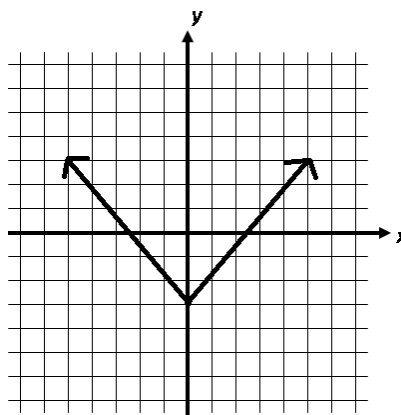
Range:

Inequality Notation:

Domain:

Range:

Ex. 2



Interval Notation:

Domain:

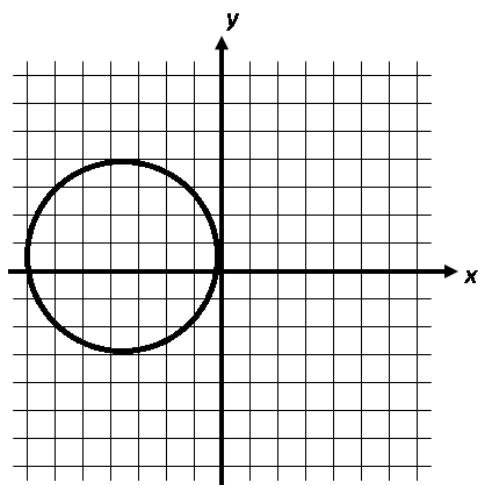
Range:

Inequality Notation:

Domain:

Range:

Ex. 3



Interval Notation:

Domain:

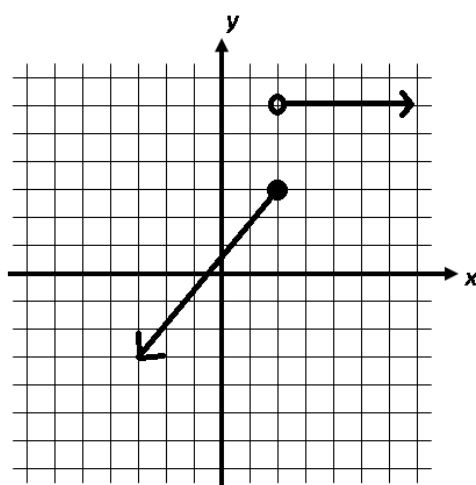
Range:

Inequality Notation:

Domain:

Range:

Ex. 4



Interval Notation:

Domain:

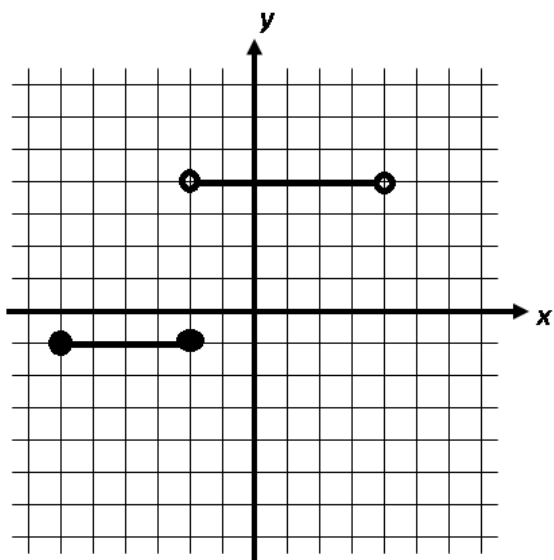
Range:

Inequality Notation:

Domain:

Range:

Ex. 5



Interval Notation:

Domain:

Range:

Inequality Notation:

Domain:

Range: