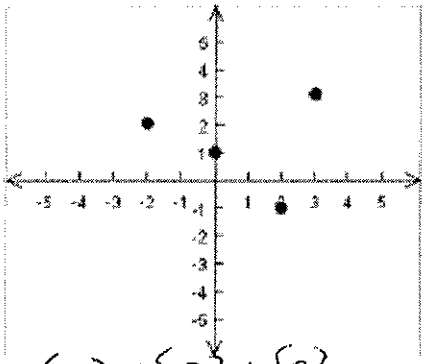
Domain and Range - Graphs

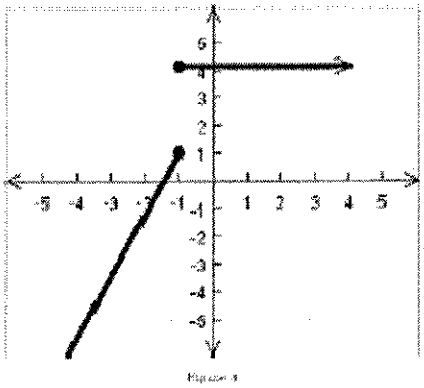
Key

Tell whether or not the graph represents a function. If so, identify the domain and range of the function from the graph.



D: $\{-2\} \cup \{0\} \cup \{2\} \cup \{3\}$

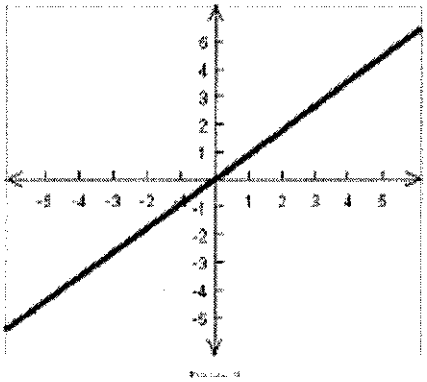
R: $\{-1\} \cup \{1\} \cup \{2\} \cup \{3\}$



Not a function

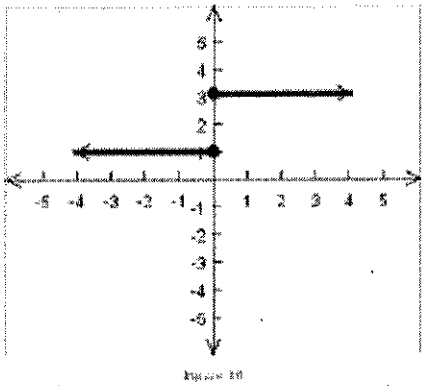
D: $(-\infty, \infty)$

R: $(-\infty, 1] \cup \{4\}$



D: $(-\infty, \infty)$

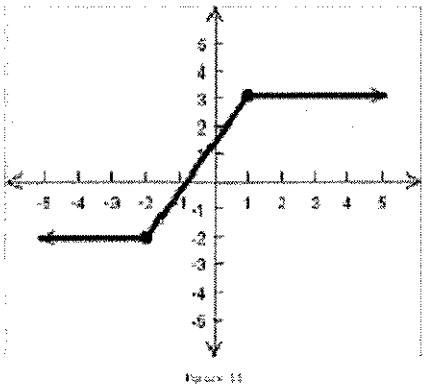
R: $(-\infty, \infty)$



D: $(-\infty, \infty)$

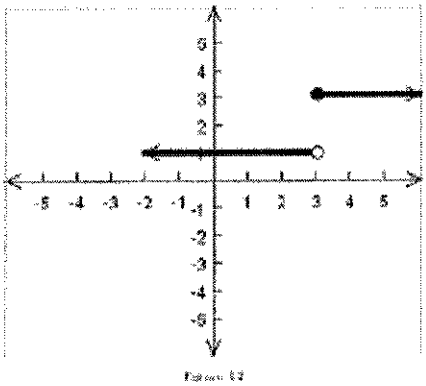
R: $\{1\} \cup \{3\}$

Not a function



D: $(-\infty, \infty)$

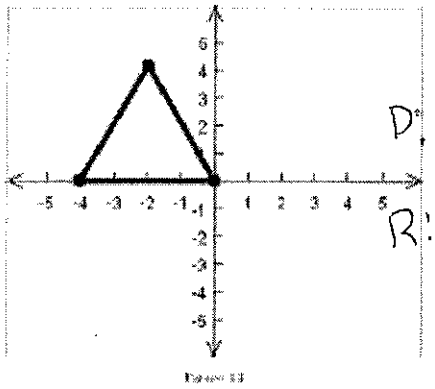
R: $[-2, 3]$



D: $(-\infty, \infty)$

R: $\{1\} \cup \{3\}$

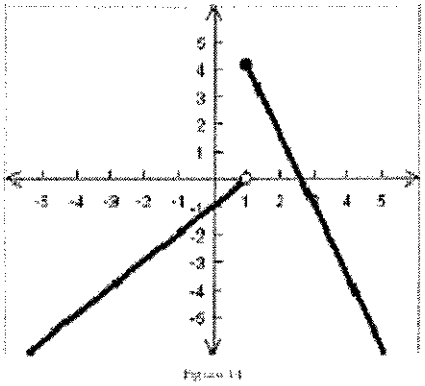
Domain and Range - Graphs



Not a function

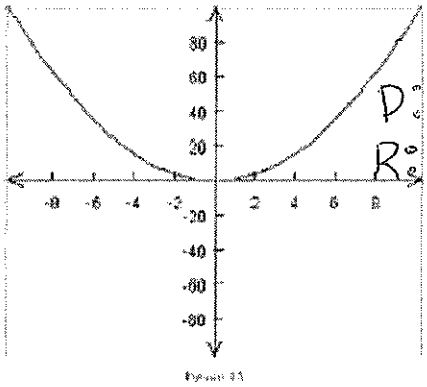
D: $[-4,0]$

R: $[0,4]$



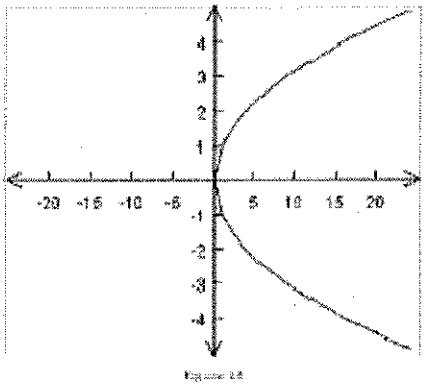
D: $(-\infty,\infty)$

R: $(-\infty,4]$



D: $(-\infty,\infty)$

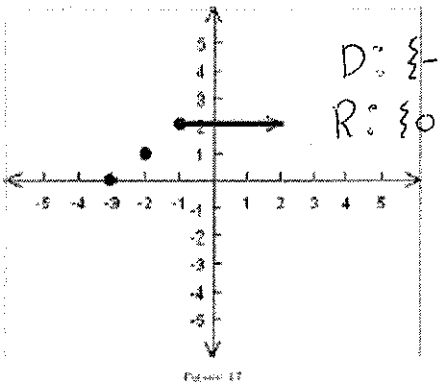
R: $[0,\infty)$



Not a function

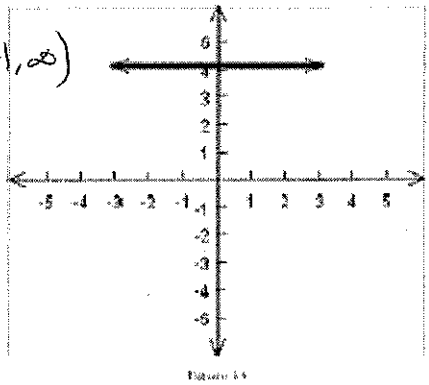
D: $[0,\infty)$

R: $(-\infty,\infty)$



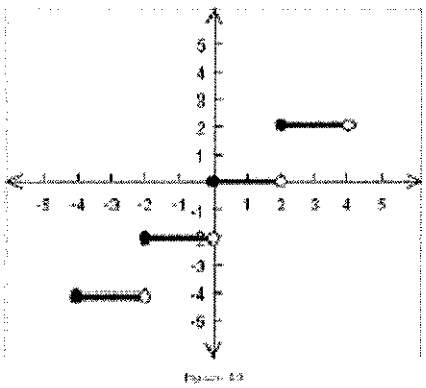
D: $\{-3\}\cup\{-2\}\cup\{-1,\infty)$

R: $\{0\}\cup\{1\}\cup\{2\}$



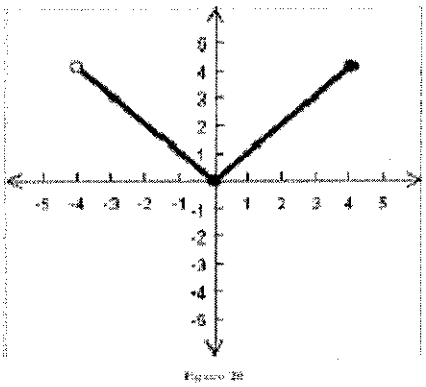
D: $(-\infty,\infty)$

R: $\{4\}$



D: $[-4,4)$

R: $\{-4\}\cup\{-2\}\cup\{0\}\cup\{2\}$

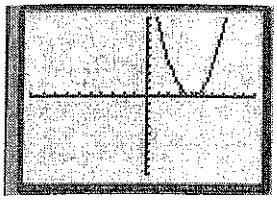


D: $(-4,4]$

R: $[0,4]$

Domain and Range – Graph Practice

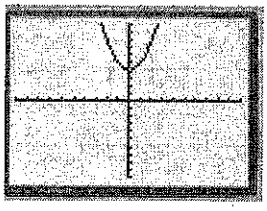
A



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

Range:
$y \geq 0$
$[0, \infty)$

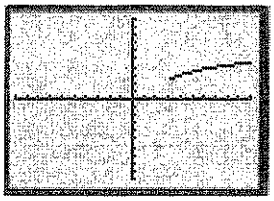
B.



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

Range:
$y \geq 4$
$[4, \infty)$

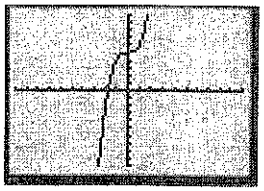
C.



Domain:
$x \geq 3$
$[3, \infty)$

Range:
$y \geq 2$
$[2, \infty)$

D.



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

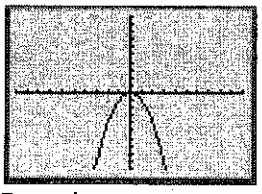
Range:
$\mathbb{R}$ $(-\infty, \infty)$

E.

Domain:
$x \geq -3$
$[-3, \infty)$

Range:
$y \leq 0$ $(-\infty, 0]$

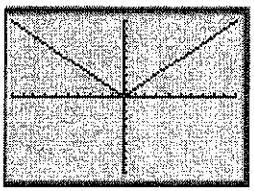
F.



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

Range:
$y \leq 0$ $(-\infty, 0]$

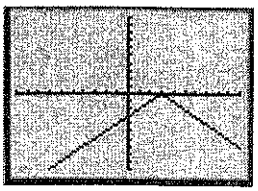
G.



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

Range: $y \geq 0$
$[0, \infty)$

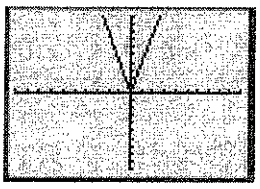
H.



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

Range: $y \leq 0$
$(-\infty, 0]$

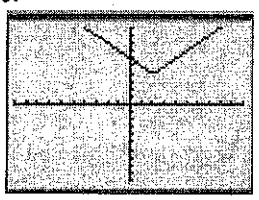
I.



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

Range:
$y \geq 1$
$[1, \infty)$

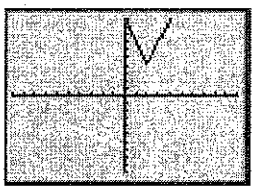
J.



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

Range:
$y \geq 4$
$[4, \infty)$

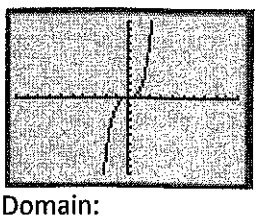
K.



Domain:
$(-\infty, \infty)$

Range:
$y \geq 4$
$[4, \infty)$

L.



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

Range:
$\mathbb{R}$ $(-\infty, \infty)$