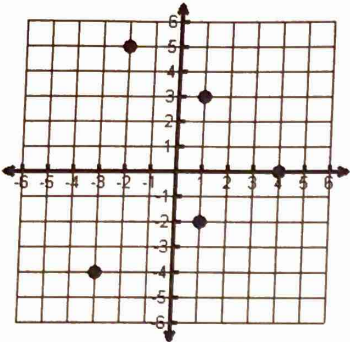
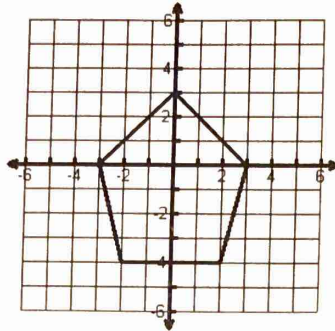


1-9: State the domain & range for each graph and tell if the graph is a function (write yes or no).

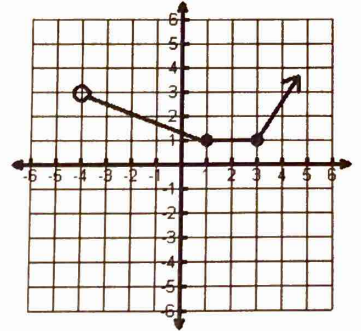
1) Domain  $\{-3, -2, 1\}$   
 Range  $\{-4, -2, 0, 3, 5\}$   
 Function? No



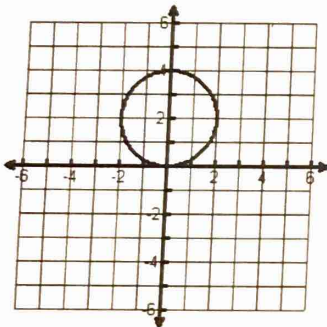
2) Domain  $[-3, 3]$   $-3 \leq x \leq 3$   
 Range  $[-4, 3]$   $-4 \leq y \leq 3$   
 Function? No



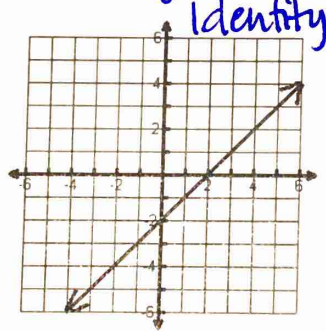
3) Domain  $(-4, \infty)$   $x > -4$   
 Range  $[1, \infty)$   $y \geq 1$   
 Function? Yes



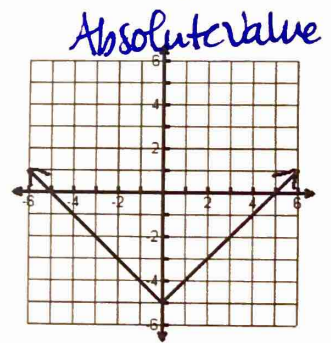
4) Domain  $[-2, 2]$   $-2 \leq x \leq 2$   
 Range  $[0, 4]$   $0 \leq y \leq 4$   
 Function? No



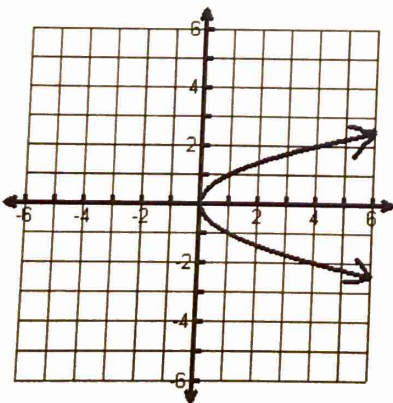
5) Domain  $(-\infty, \infty)$   $\mathbb{R}$   
 Range  $(-\infty, \infty)$   $\mathbb{R}$   
 Function? Yes



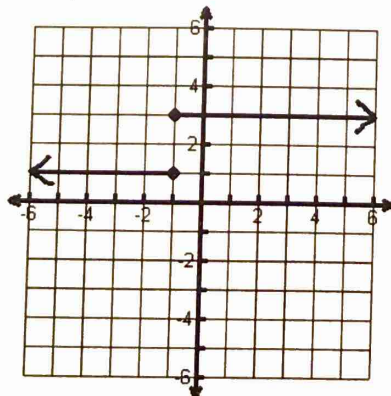
6) Domain  $(-\infty, \infty)$   $\mathbb{R}$   
 Range  $[-5, \infty)$   $y \geq -5$   
 Function? Yes



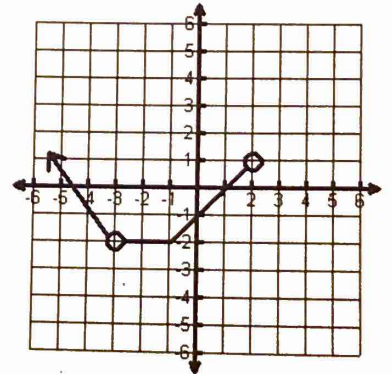
7) Domain  $[0, \infty)$   $x \geq 0$   
 Range  $(-\infty, \infty)$   $\mathbb{R}$   
 Function? No



8) Domain  $(-\infty, \infty)$   $\mathbb{R}$   
 Range  $\{1, 3\}$   
 Function? No



9) Domain  $(-\infty, 2)$   $x < 2$   
 Range  $[-2, \infty)$   $y \geq -2$   
 Function? Yes

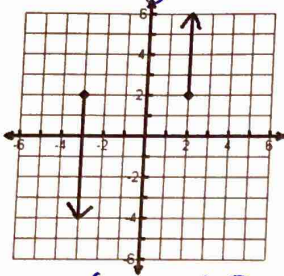


Domain and Range Practice #1

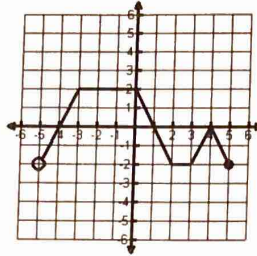
Name: Master E

1-12: State the domain & range for each graph and tell if the graph is a function (write yes or no).

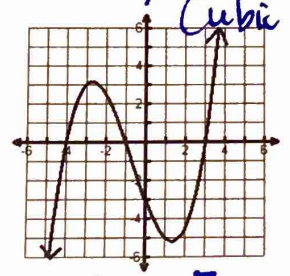
1) Domain  $\{-3, 2\}$   
 Range  $(-\infty, \infty) \mathbb{R}$   
 Function? Yes



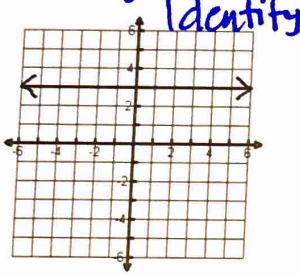
2) Domain  $[-5, 5] -5 \leq x \leq 5$   
 Range  $[-2, 2] -2 \leq y \leq 2$   
 Function? Yes



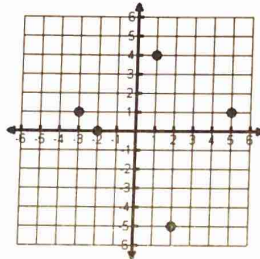
3) Domain  $(-\infty, \infty) \mathbb{R}$   
 Range  $(-\infty, \infty) \mathbb{R}$   
 Function? Yes



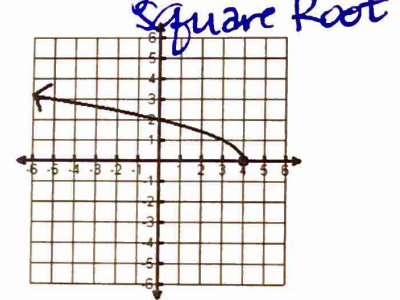
4) Domain  $(-\infty, \infty) \mathbb{R}$   
 Range  $\{3\}$   
 Function? Yes



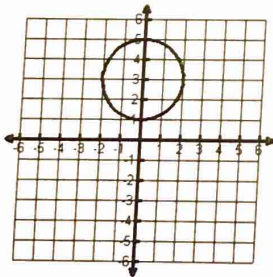
5) Domain  $\{-3, -2, 1, 2, 5\}$   
 Range  $\{-5, 0, 1, 4\}$   
 Function? Yes



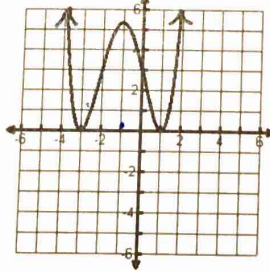
6) Domain  $(-\infty, 4] x \leq 4$   
 Range  $[0, \infty) y \geq 0$   
 Function? Yes



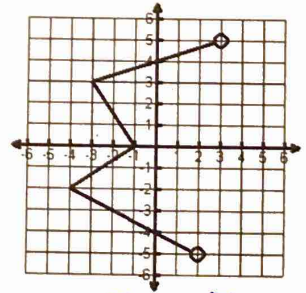
7) Domain  $[-2, 2] -2 \leq x \leq 2$   
 Range  $[1, 5] 1 \leq y \leq 5$   
 Function? No



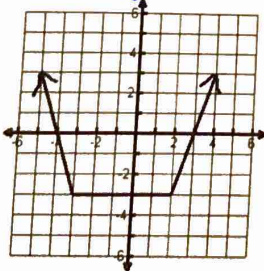
8) Domain  $(-\infty, \infty) \mathbb{R}$   
 Range  $[0, \infty) y \geq 0$   
 Function? Yes



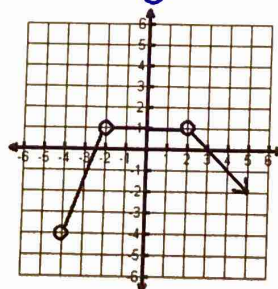
9) Domain  $[-4, 3) -4 \leq x < 3$   
 Range  $(-5, 5) -5 < y < 5$   
 Function? No



10) Domain  $(-\infty, \infty) \mathbb{R}$   
 Range  $[-3, \infty) y \geq -3$   
 Function? Yes



11) Domain  $(-4, \infty) x > -4$   
 Range  $(-4, 1] -4 < y \leq 1$   
 Function? Yes



12) Domain  $[-3, 3] -3 \leq x \leq 3$   
 Range  $[-2, 4] -2 \leq y \leq 4$   
 Function? No

