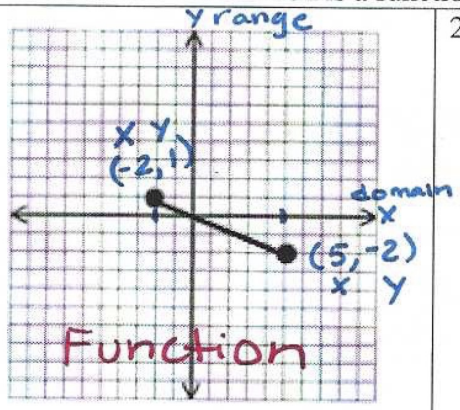
Homework: Domain & Range Feb. 26, 2024

Directions: Cut out the domain and range pieces. Match them with the appropriate function. Then state if the relation is a function. Glue on pages 49 & 50.

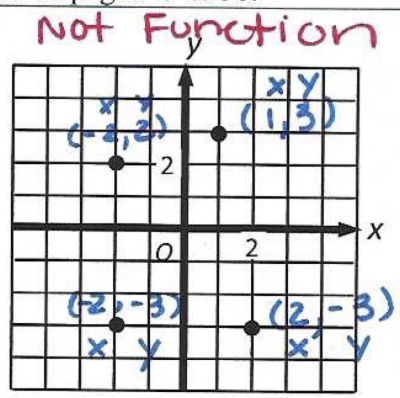
1



Domain: $-2 \leq x \leq 5$ [-2, 5]

Range: $-2 \leq y \leq 1$ [-2, 1]

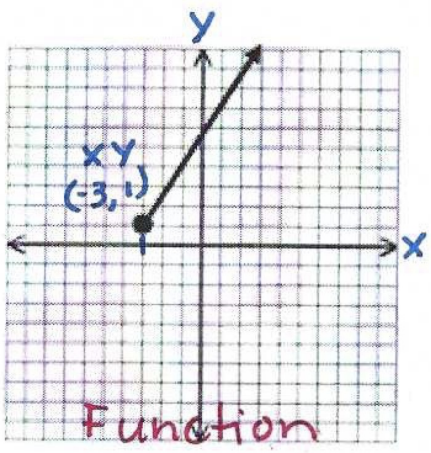
2



Domain: { -2, 1, 2}

Range: {-3, 2, 3}

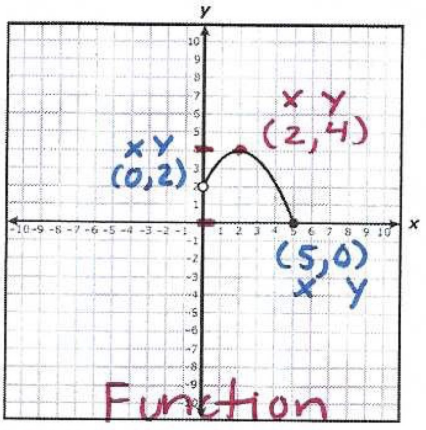
3



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

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

4

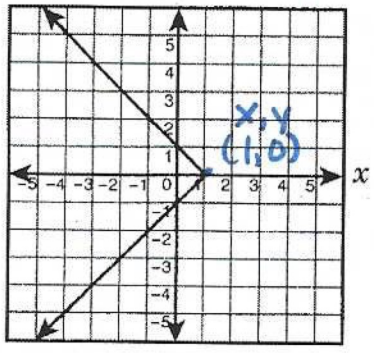


Domain: $0 < x \leq 5$ (0, 5]

Range: $0 \leq y \leq 4$ [0, 4]

50

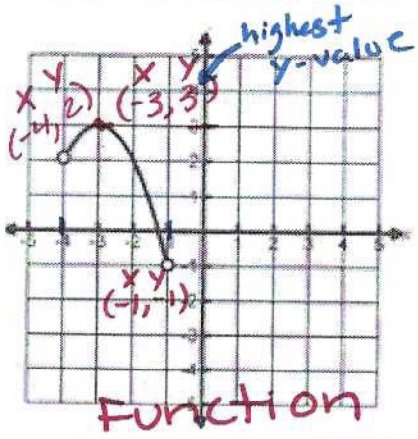
5 Not Function



Domain: $x \leq 1$
$(-\infty, 1]$

Range: All Real Numbers
$(-\infty, \infty)$

6

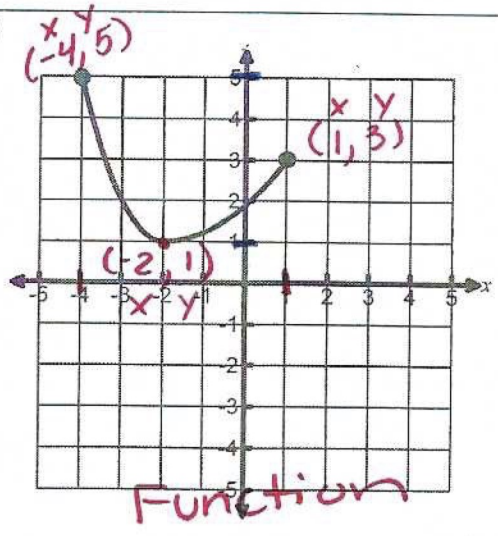


Function

Domain: $-4 < x < -1$
$(-4, -1)$

Range: $-1 < y < 3$
$(-1, 3)$

7

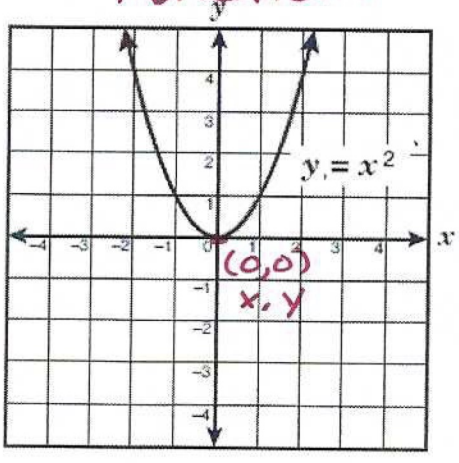


Function

Domain: $-4 \leq x \leq 1$
$[-4, 1]$

Range: $1 \leq y \leq 5$
$[1, 5]$

8 Function



Domain: All Real Numbers
$(-\infty, \infty)$

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