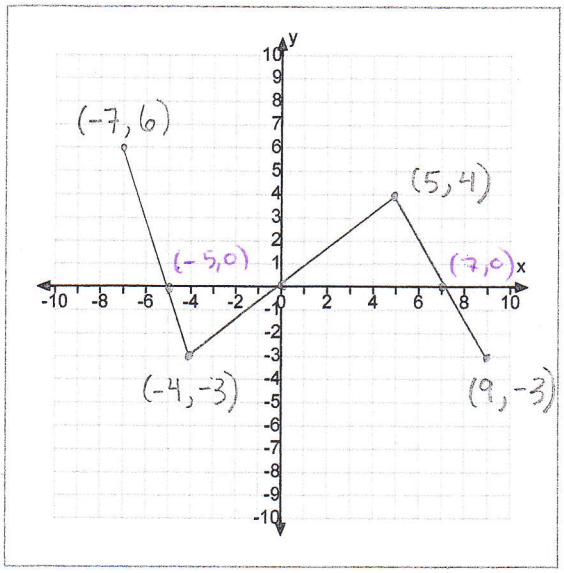
PROPERTIES OF FUNCTIONS



Domain: $[-7, 9]$

Range: $[-3, 6]$

Max: 6 Min: -3

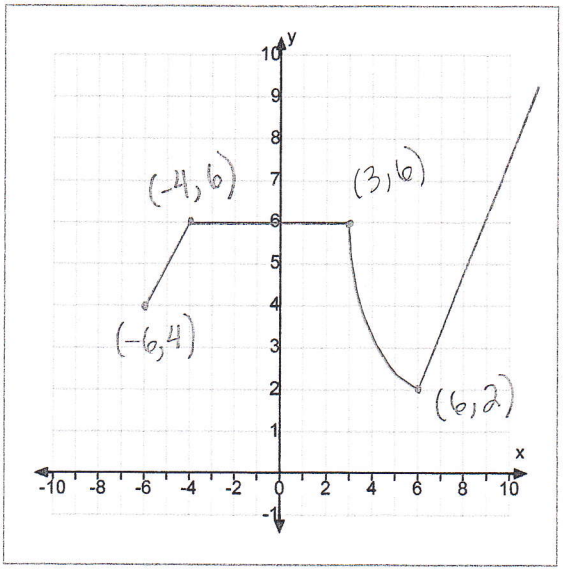
Inc: $[-4, 5]$ Dec: $[-7, -4] \cup [5, 9]$

Positive: $[-7, -5] \cup [0, 7]$

Negative: $[-5, 0] \cup [7, 9]$

Zeros: $-5, 0, 7$

y-int: 0



Domain: $[-6, \infty[$

Range: $[2, \infty[$

Max: doesn't exist Min: 2

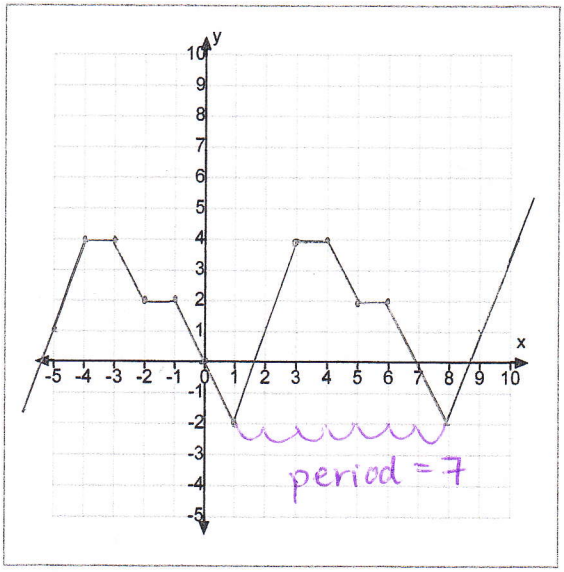
Inc: $[-6, -4] \cup [6, \infty[$ Dec: $[3, 6]$

Constant: $[-4, 3]$

Positive: $[-6, \infty[$

Negative: never

zeros: none y-int: 6



Domain: $]-\infty, \infty[$

Range: $[-2, 4]$

max: 4 min: -2

Inc/Decreasing
Pos/Negative
} too many intervals because the function repeats!

Zeros: 0, 1.5, 7, 8.5...

y-int: 0

* periodic function