Algebra 2 - Spiral Assignment \#1
Name: $\qquad$ Pd $\qquad$
This assignment is graded based on correct answers.
However, there must be work/process shown

## DUE:

$\qquad$ supporting your answer to receive credit.
Directions: Print out this worksheet and show ALL of your work in the box for each question. Highlight your answers.

## NO CALCULATOR

1. Use the given graph to answer each expression.

a) $f(-3)$
b) $f(-2)-f(2)$
2. Determine the domain and range of the graph in interval notation.


D: $\qquad$
$R$ : $\qquad$
4. Let $f(x)=4 x-9$ and $g(x)=7 x-3$.

Compute $(f-g)(x)$.
6. Which of the following points DO NOT lie on the line $y-8=-2(x+4)$ ? Select all that apply.
$(-8,-4)$
$(-8,4)$
$(8,-4)$
$(0,-16)$
$(0,0)$
$(1,-2)$
A. minimum of 2
B. minimum of -2
C. maximum of 2
D. maximum of -2


