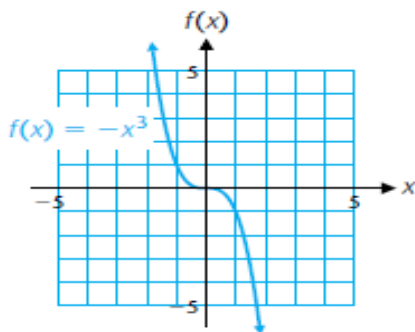
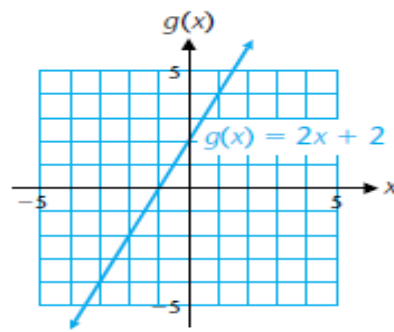


1) write domain and range ?

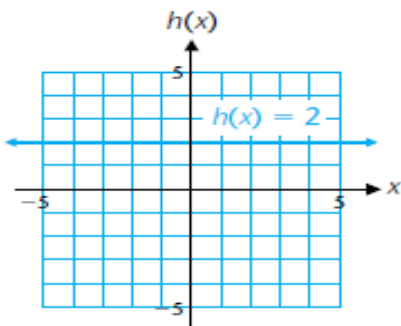
2) Interval of Increasing/Decreasing



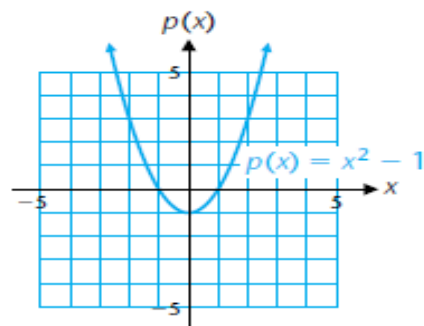
(a) Decreasing on  $(-\infty, \infty)$



(b) Increasing on  $(-\infty, \infty)$



(c) Constant on  $(-\infty, \infty)$



(d) Decreasing on  $(-\infty, 0]$   
Increasing on  $[0, \infty)$

## HOME WORK

### Example: Discuss or Find

- Domain and Range
- x-intercept and y-intercept
- Interval of increasing/Decreasing/constant
- Point of discontinuity if any

