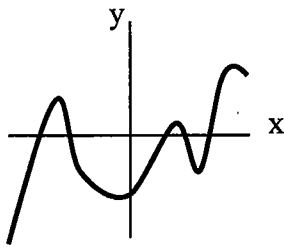
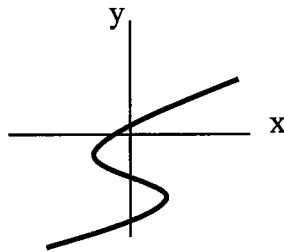


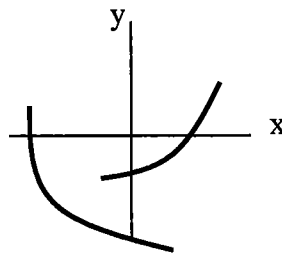
1) Determine if each graph represents a function or not.



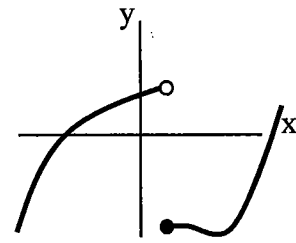
Yes



No



No



Yes

3) What is the domain of $f(x)$?

$[-5, \infty)$

4) What is the range of $f(x)$?

$[-4, \infty)$

5) For what values of x does $f(x) = 0$?

$-4, 2, 6$

6) What intervals is the function increasing?

$(-5, -1.5)$ $(4, \infty)$

7) What intervals is the function decreasing?

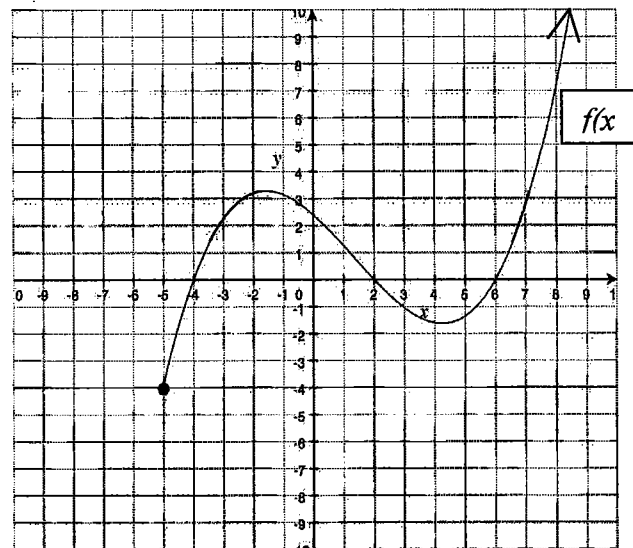
$(-1.5, 4)$

8) Find $f(-3)$ and $f(6)$.

2 0

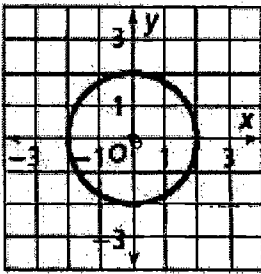
9) Describe the end behavior.

$\underline{-4}$, \uparrow



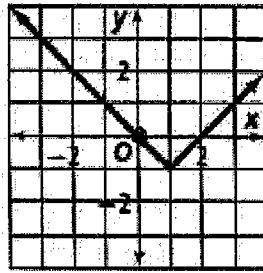
For each graph answer the questions.

22.



D: $[-2, 2]$
 R: $[-2, 2]$

23.

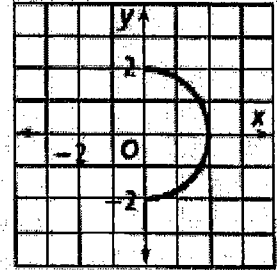


D: \mathbb{R}
 R: $[-1, \infty)$
 Inc: $(1, \infty)$
 Dec: $(-\infty, 1)$

End Behavior:

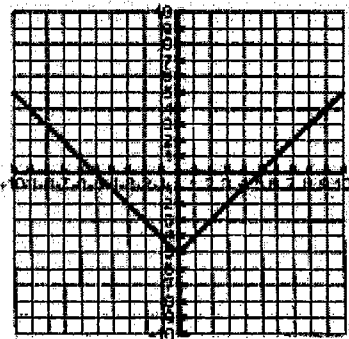


24.



D: $[0, 2]$
 R: $[-2, 2]$

15.



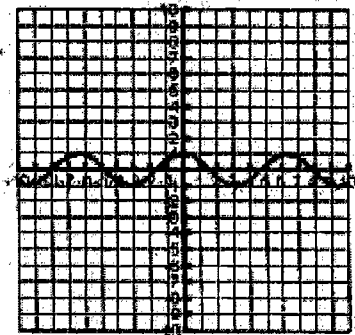
Domain: \mathbb{R}
 Range: $[-5, \infty)$

Inc: $(0, \infty)$

Dec: $(-\infty, 0)$

End Behavior: $\uparrow\uparrow$

16.



Domain: \mathbb{R}
 Range: $[1, 1.7]$