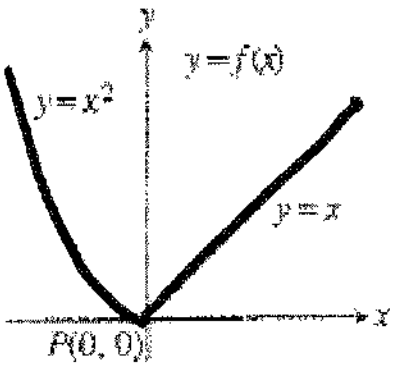
Find the point where the function is not differentiable. Then tell why it is not differentiable at that point.

1.



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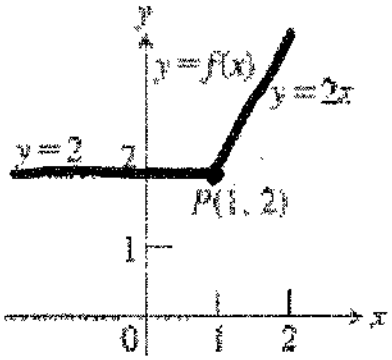
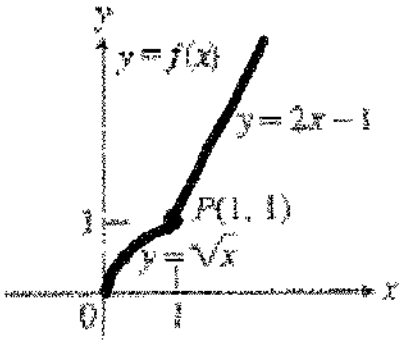
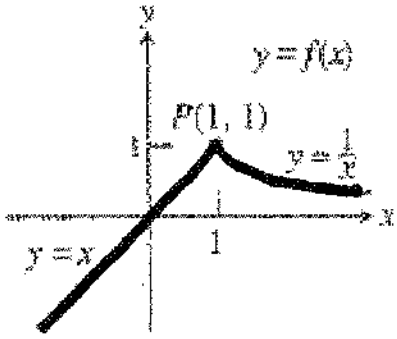


3.

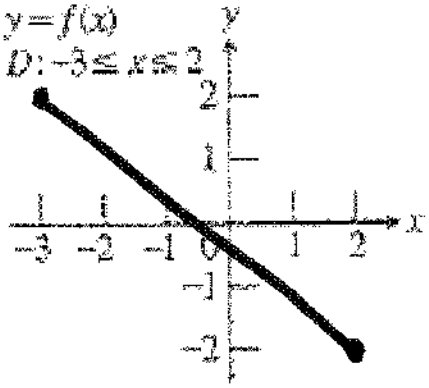


4.

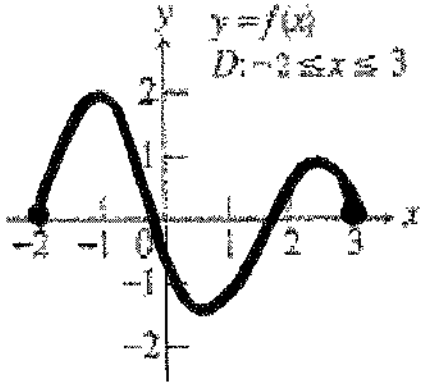


a. Find all points where the function, f(x), is differentiable.
b. Find all points where the function is continuous, but not differentiable.
c. Find all points where the graph is neither continuous nor differentiable.

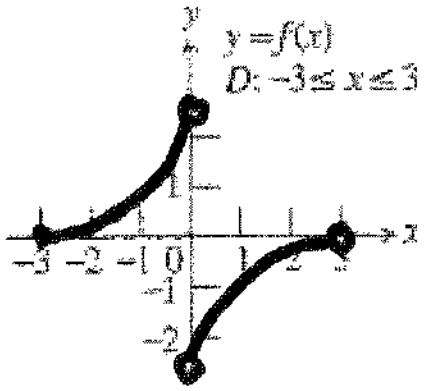
5. $y = f(x)$
$D: -3 \le x \le 2$



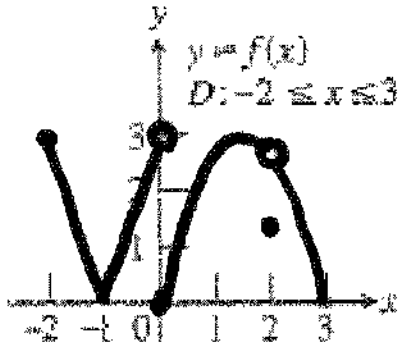
6. $y = f(x)$
$D: -2 \le x \le 3$



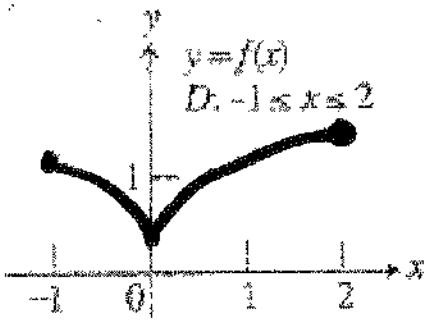
7. $y = f(x)$
$D: -3 \le x \le 3$



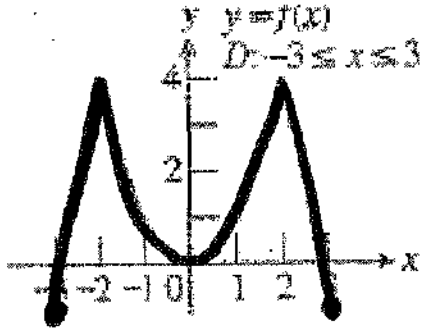
8. $y = f(x)$
$D: -2 \le x \le 3$

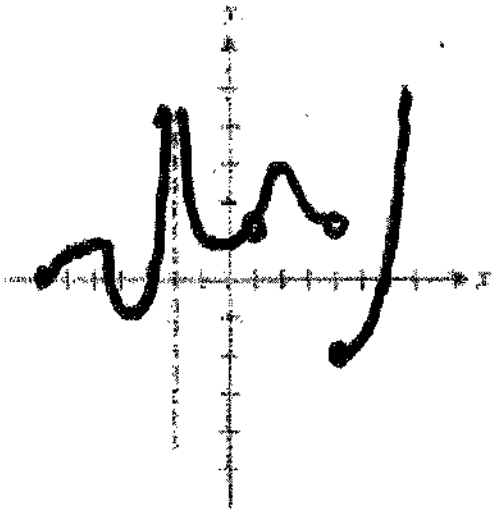
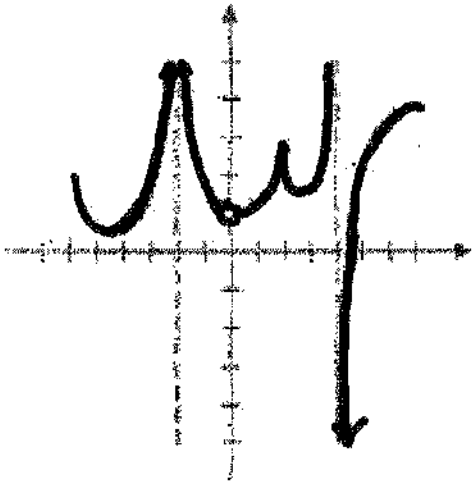
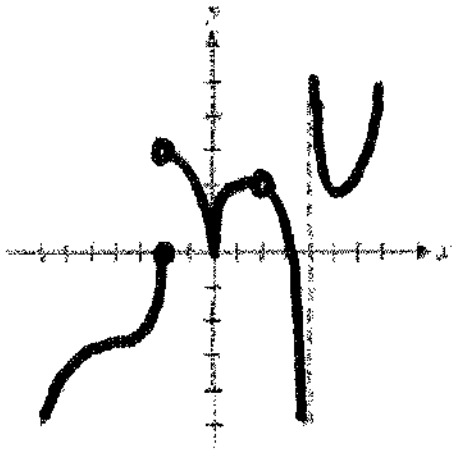
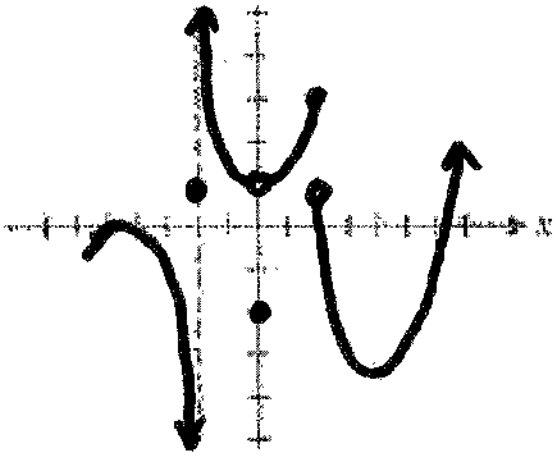


9. $y = f(x)$
$D: -1 \le x \le 2$



10. $y = f(x)$
$D: -3 \le x \le 3$



3.2 Differentiability:

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