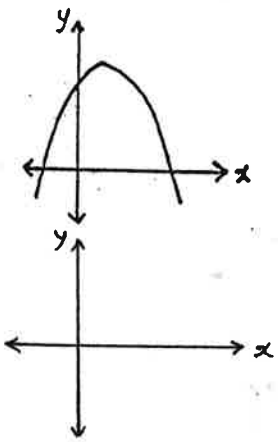
SKETCHING GRADIENT FUNCTIONS

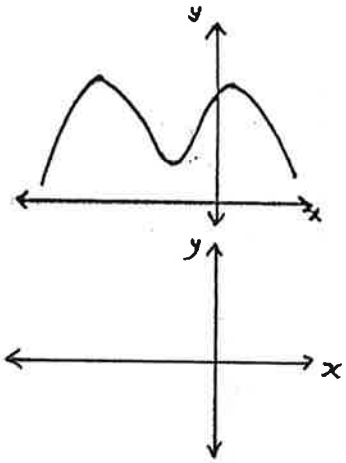
For each of the following graphs below:

a) Draw a set of axes directly beneath the original set of axes
b) Note the turning points and drop dotted lines down from the turning points to the x-axis of the second graph
c) Check whether the original graph is positive or negative
d) Draw the gradient function on the second set of axes.

1.



2.



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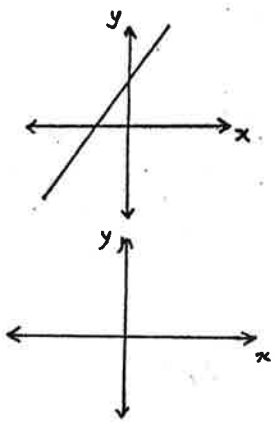

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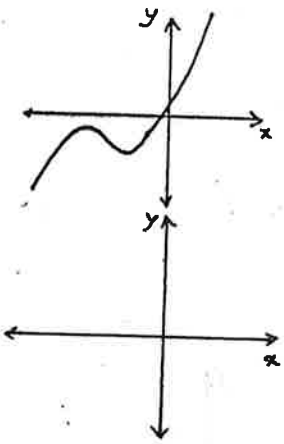
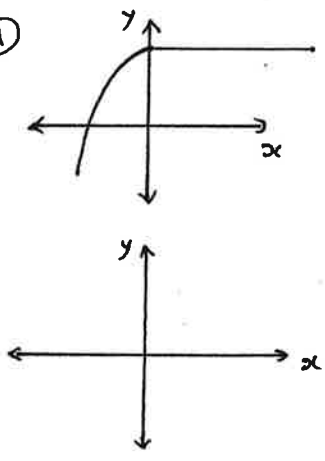
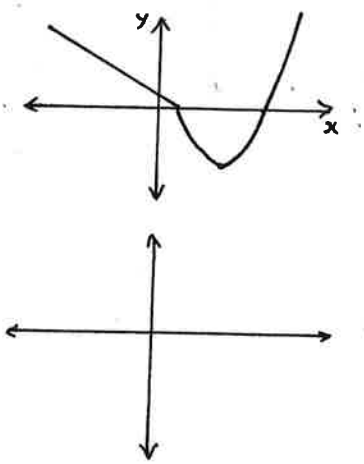


* Extra:

(A)



(B)



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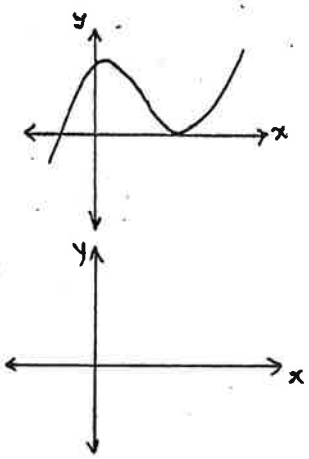

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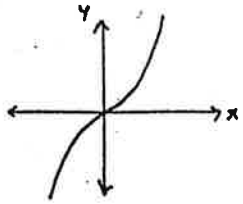

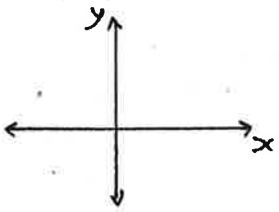

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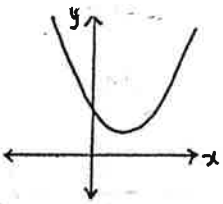

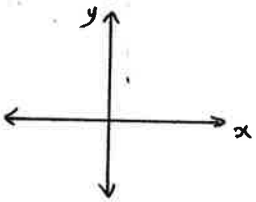

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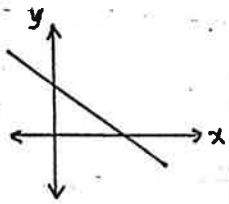

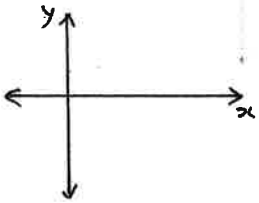

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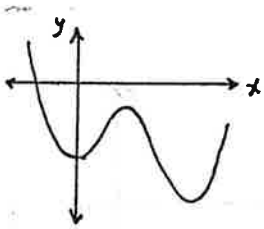

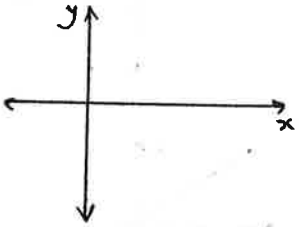

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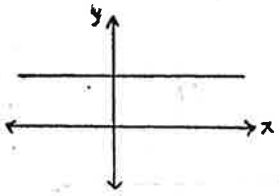

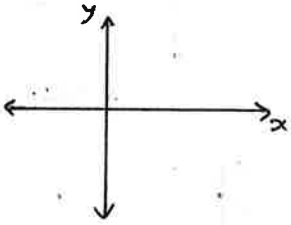

ANSWERS

SKETCHING GRADIENT FUNCTIONS

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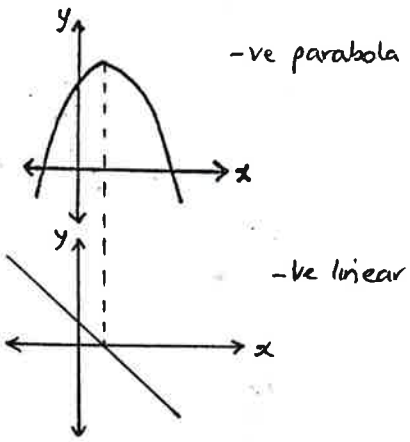
1.



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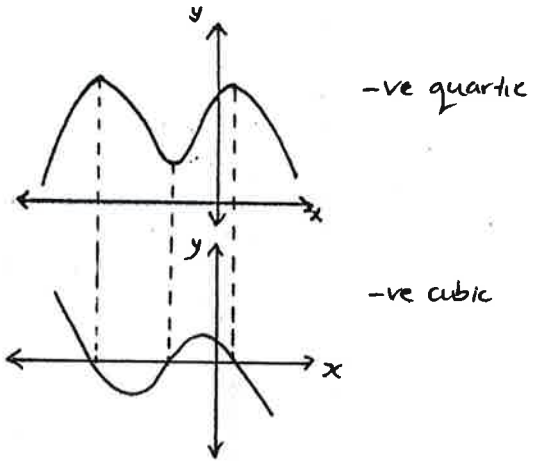

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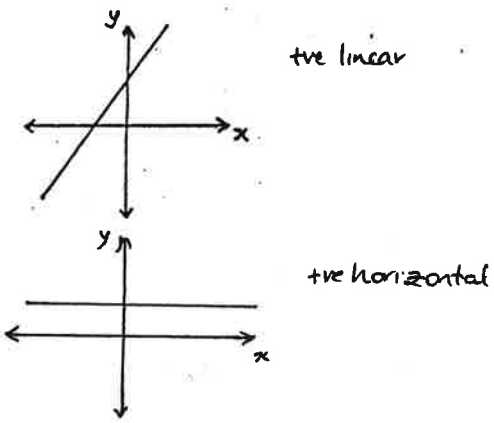
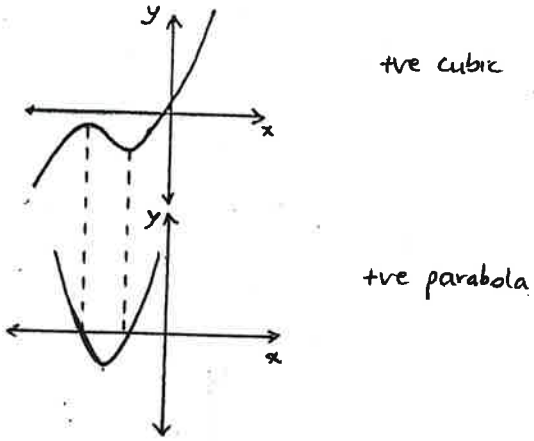
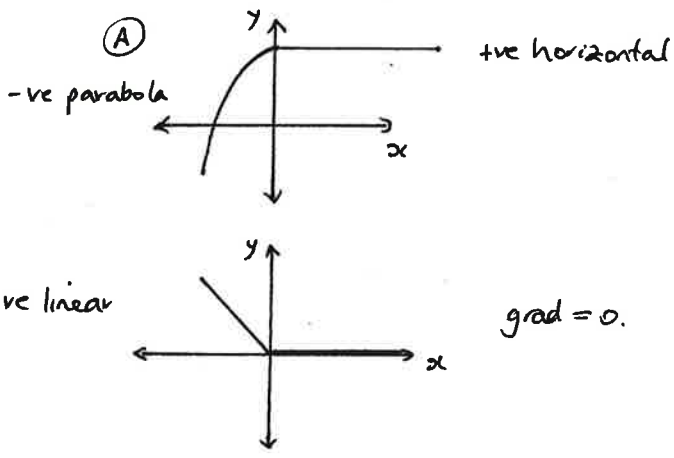


4.

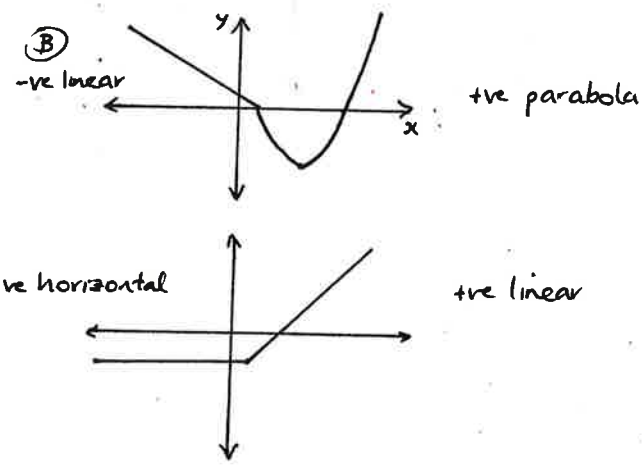


* Extra:

(A)



(B)



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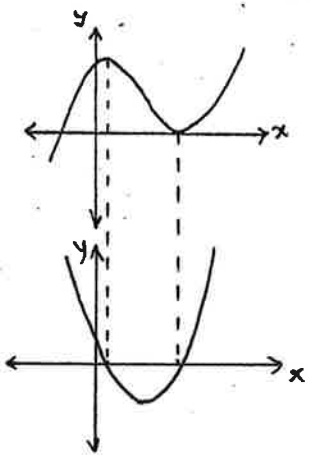
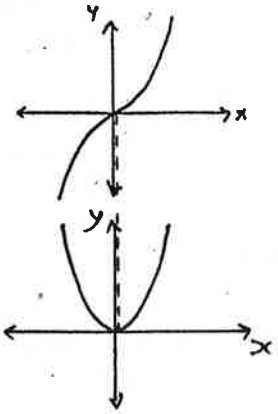


+ve cubic

+ve parabola

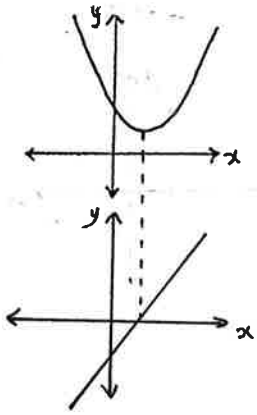
6.



+ve cubic

+ve parabola

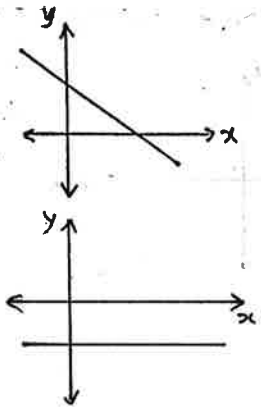
7.



+ve parabola

+ve linear

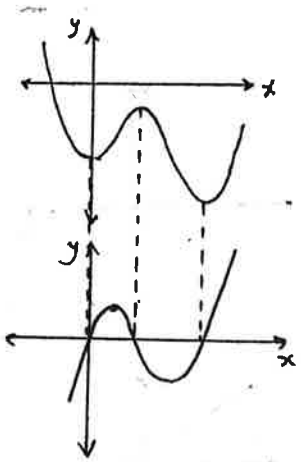
8.



-ve linear

-ve horizontal.

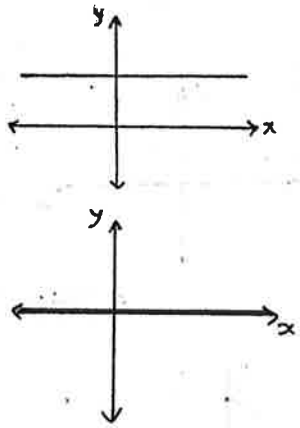
9.



+ve quartic

+ve cubic

10.



+ve horizontal

grad = 0.