5e Calculus Concepts
LaTorre, et al.

**Learning Activity
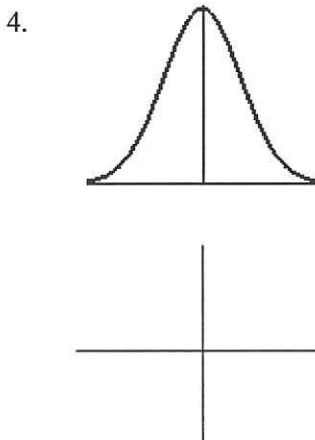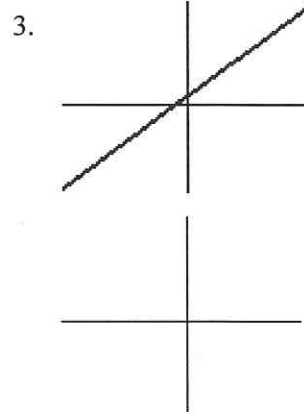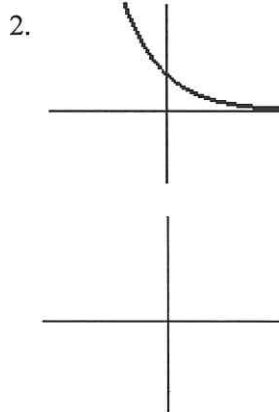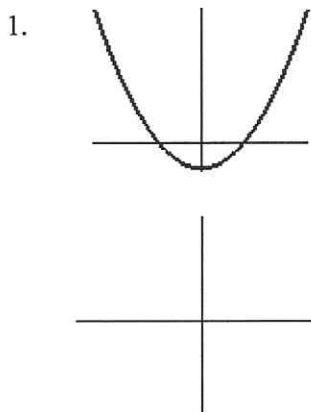2.6**
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**Sketching ROC
Graphs**

Name: _____   Grade: _____

Group Members Present:

_____, _____, &_____

For each function graph, *f*, sketch the slope graph, *f'*.
- Plot zeros on the slope graph
- Mark places where the slope graph is undefined
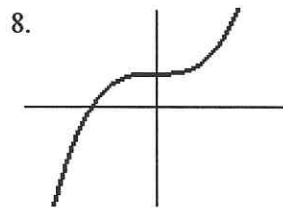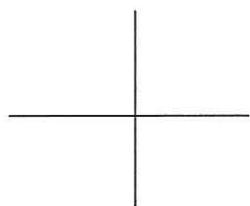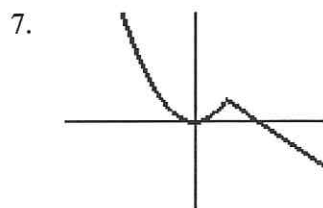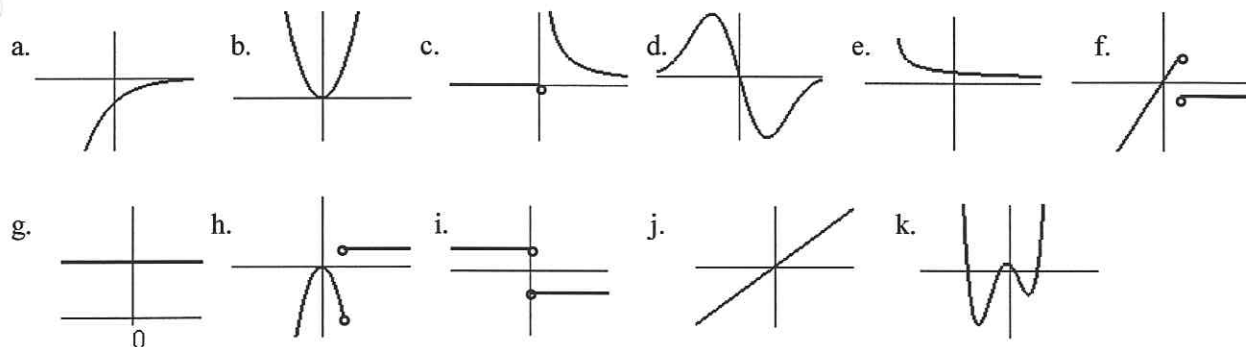- Mark intervals where the slope graph is positive or negative
- Sketch the graph
- Match the sketch with one of the lettered graphs following graph 9.

1.

2.

3.

4.

5.

6.

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Sketching ROC
Graphs

7.

8.

9.
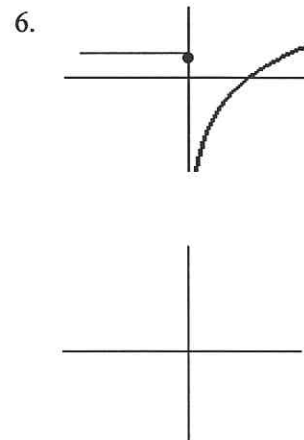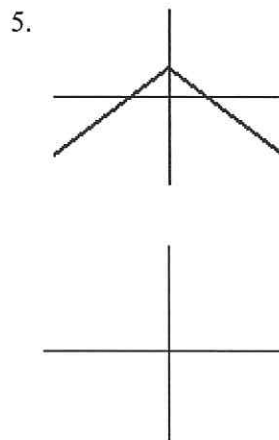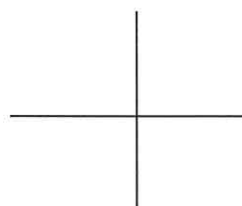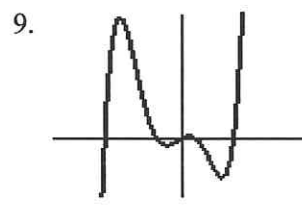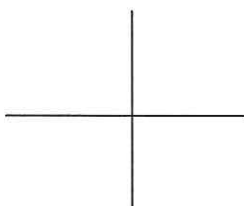
Graphs to compare with the sketches of slope graphs:

a.

b.

c.

d.

e.

f.

g.

h.

i.

j.

k.

Which two of these graphs do not correspond to one of the nine sketched slope graphs?